



**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

PUNJAB BIOTECHNOLOGY INCUBATOR

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

and fulfills the requirements of FSSAI, EIC & APEDA

for its facilities at

Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

in the field of

TESTING

Certificate Number

TC-12762 (Integrated)

Issue Date

16/12/2023

Valid Until

24/07/2025

FSSAI: 16/12/2023, EIC: 16/12/2023, APEDA: 16/12/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity : PUNJAB BIOTECHNOLOGY INCUBATOR

Signed for and on behalf of NABL



89076970100030002602

**N. Venkateswaran
Chief Executive Officer**



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 1 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
-------	--------------------	------------------------------	---	--	--

Permanent Facility

1.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products, Pasteurized/s boiled Milk/	Aerobic Plate Count	IS 5402	$\geq 10\text{cfu/g}$, $\geq 1\text{ cfu/ml}$
2.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavored Milk, Pasteurized Cream	Coliform Count	IS 5401 (Part 1)	$\geq 10\text{cfu/g}$, $\geq 1\text{ cfu/ml}$
3.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products, Pasteurized/ boiled Milk/	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram or per 25ml
4.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavored Milk, Pasteurized Cream	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per 25gram or per 25ml
5.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sterilized milk /UHT milk / Evaporated Milk	Commercial Sterility	IS 4238	Present/Absent
6.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sterilized/ UHT Cream	Commercial Sterility	IS 4884	Present/Absent
7.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Aerobic Plate Count	IS 5402	$\geq 10\text{cfu/g}$, $\geq 1\text{ cfu/ml}$
8.	BIOLOGICAL/FO OD AND	Sweetened Condensed Milk	Coliform Count	IS 5401 Part 1	$\geq 10\text{cfu/g}$, $\geq 1\text{ cfu/ml}$



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 2 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS				
9.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Yeast and Mould	IS 5403	≥ 10cfu/g, ≥ 1 cfu/ml
10.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/ IS 5887(Part 8)Sec 1	≥ 10cfu/g
11.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
12.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per 25gram
13.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Butter	Aerobic Plate Count	IS 5402	≥ 10cfu/g
14.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Butter	Coliform Count	IS 5401 Part 1	≥ 10cfu/g
15.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Butter	Yeast and Mould	IS 5403	≥ 10cfu/g
16.	BIOLOGICAL/	Pasteurized Butter	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS5887 (Part 8)Sec 1	≥ 10cfu/g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 3 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
17.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Butter	E.coli	IS 5887 (Part1)/ ISO ISO16649-2	Present/Absent per gram
18.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Butter	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
19.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Butter	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per gram
20.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powder, SMP, Partly SMP, Dairy Whitener, Cream Powder,	Aerobic Plate Count	IS 5402	≥ 10cfu/g
21.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream Mix Powder Lactose, Whey based Powder,Butter	Coliform Count	IS 5401 Part 1	≥ 10cfu/g
22.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powder, Casein Powder	Yeast and Mould	IS 5403	≥ 10cfu/g
23.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powder, SMP, Partly SMP, Dairy Whitener, Cream Powder,	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/ IS 5887(Part 8) Sec 1	≥ 10cfu/g
24.	BIOLOGICAL/	Ice Cream Mix Powder Lactose,	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 4 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Whey based Powder, Butter Milk Powder, Casein Powder			
25.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Casein Powder	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per gram
26.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powder, SMP, Partly SMP, Dairy Whitener, Cream Powder,	Bacillus cereus	IS 5887 (Part 6) /ISO:7932	≥ 10cfu/g
27.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream Mix Powder Lactose, Whey based Powder, Butter Milk Powder, Casein Powder	Sulphite Reducing Clostridia	ISO 15213	≥ 10cfu/g
28.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Aerobic Plate Count	IS 5402	≥ 10cfu/g
29.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Yeast and Mould	IS 5403	≥ 10cfu/g
30.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
31.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 5 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
32.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per 25gram
33.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Bacillus cereus	IS 5887 (Part 6) /ISO:7932	≥ 10cfu/g
34.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Sulphite Reducing Clostridia	ISO 15213	≥ 10cfu/g
35.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk Food, Infant Formulae, Infant Milk Substitute	Enterobacter sakazakii	ISO/TS 22964	Present/Absent per 10gram
36.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Follow Up Formula, Cereal Based Complimentary food	Aerobic Plate Count	IS 5402	≥ 10cfu/g
37.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Coliform Count	IS 5401 Part 1	≥ 10cfu/g
38.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Follow Up Formula, Cereal Based Complimentary food	Yeast and Mould	IS 5403	≥ 10cfu/g
39.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8) Sec 1	≥ 10cfu/g



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	6 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
40.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Follow Up Formula, Cereal Based Complimentary food	E.coli	IS 5887 (Part1)/ISO ISO16649-2	Present/Absent per gram
41.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
42.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Follow Up Formula, Cereal Based Complimentary food	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per 25gram
43.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Bacillus cereus	IS 5887 (Part 6) /ISO:7932	≥ 10cfu/g
44.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream, Frozen Dessert, MilkLolly, Ice Candy	Aerobic Plate Count	IS 5402	≥ 10cfu/g
45.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream, Frozen Dessert, MilkLolly, Ice Candy	Coliform Count	IS 5401 Part 1	≥ 10cfu/g
46.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream, Frozen Dessert, MilkLolly, Ice Candy	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
47.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream, Frozen Dessert, MilkLolly, Ice Candy	E.coli	IS 5887 (Part1)/ISO ISO16649-2	Present/Absent per gram



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 7 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
48.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream, Frozen Dessert, MilkLolly, Ice Candy	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25 gram
49.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream, Frozen Dessert, MilkLolly, Ice Candy	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per gram
50.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese/Paneer/ Channa/Processed Cheese/ Cheese Spread/	Aerobic Plate Count	IS 5402	≥ 10cfu/g
51.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	All Other cheese including Fresh cheese/cheddar/cottage/soft/semi soft	Coliform Count	IS 5401 Part 1	≥ 10cfu/g
52.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Yeast and Mould	IS 5403	≥ 10cfu/g
53.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese/Paneer/ Channa/Processed Cheese/ Cheese Spread/	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
54.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	All Other cheese including Fresh cheese/cheddar/cottage/soft/semi soft	E.coli	IS 5887 (Part I)/ISO ISO16649-2	≥ 10cfu/g
55.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	8 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
56.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per 25 gram
57.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	Aerobic Plate Count	IS 5402	≥ 10cfu/g
58.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	Coliform Count	IS 5401 Part 1	≥ 10cfu/g
59.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	Yeast and Mould	IS 5403	≥ 10cfu/g
60.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
61.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	E.coli	IS 5887 (Part I)/ISO ISO16649-2	≥ 10cfu/g
62.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
63.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Paneer/Channa based sweets, Khoa/ Khoa based sweets	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per gram



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 9 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
64.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	Coliform Count	IS 5401 Part 1	≥ 10cfu/g
65.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	Yeast and Mould	IS 5403	≥ 10cfu/g
66.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
67.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	E.coli	IS 5887 (Part I)/ISO ISO16649-2	Present/Absent per gram
68.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
69.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Milk Products	Listeria monocytogenes	IS 14988 (Part 1)/ ISO 11290-1	Present/Absent per gram
70.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables, Cut or minimally processed and packed, including juices	Aerobic Plate Count	IS 5402	≥ 10cfu/g, ≥ 1cfu/ml
71.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Yeast and Mould	IS 5403	≥ 10cfu/g, ≥ 1cfu/ml
72.	BIOLOGICAL/		Enterobacteriaceae	ISO 21528 Part 2	≥ 10cfu/g, ≥ 1cfu/ml

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 10 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables, Cut or minimally processed and packed, including juices			
73.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g, ≥ 1cfu/ml
74.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables, Cut or minimally processed and packed, including juices	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram or per 25ml
75.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25gram or per 25ml
76.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables, Cut or minimally processed and packed, including juices	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25gram or per 25ml
77.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		E.coli O157 and Veror shiga toxin producing E.coli	IS 14397	Present/Absent per 25gram or per 25ml
78.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented or pickled or acidified or with Preservatives	Yeast and Mould	IS 5403	≥ 10cfu/g
79.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented or pickled or acidified or with Preservatives	Enterobacteriaceae	ISO 21528 Part 2	≥ 10cfu/g
80.	BIOLOGICAL/	Fermented	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS5887(Part 8)Sec 1	≥ 10cfu/g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 11 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	or pickled or acidified or with Preservatives			
81.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented or pickled or acidified or with Preservatives	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
82.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented or pickled or acidified or with Preservatives	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25gram
83.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented or pickled or acidified or with Preservatives	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25gram
84.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented or pickled or acidified or with Preservatives	E.coli O157 and Verotoxin producing E.coli	IS 14397	Present/Absent per 25gram
85.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	Aerobic Plate Count	IS 5402	≥ 1cfu/ml
86.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	Yeast and Mould	IS 5403	≥ 1cfu/ml
87.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	Enterobacteriaceae	ISO 21528 Part 2	≥ 1cfu/ml
88.	BIOLOGICAL/	Pasteurized Juices,	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	Present/Absent per 25ml

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 12 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit beverages			
89.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25ml
90.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25ml
91.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25ml
92.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pasteurized Juices, Carbonated Fruit beverages	E.coli O157 and Verotoxin producing E.coli	IS 14397	Present/Absent per 25ml
93.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	Aerobic Plate Count	IS 5402	≥ 10cfu/g
94.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	Yeast and Mould	IS 5403	≥ 10cfu/g
95.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	Enterobacteriaceae	ISO 21528 Part 2	≥ 10cfu/g
96.	BIOLOGICAL/	Frozen Products	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 13 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
97.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
98.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25gram
99.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25gram
100.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Products	E.coli O157 and Verotoxin producing E.coli	IS 14397	Present/Absent per 25gram
101.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	Aerobic Plate Count	IS 5402	≥ 10cfu/g
102.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	Yeast and Mould	IS 5403	≥ 10cfu/g
103.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	Enterobacteriaceae	ISO 21528 Part 2	≥ 10cfu/g
104.	BIOLOGICAL/	Dehydrated	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 14 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
105.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
106.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25gram
107.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25gram
108.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated	E.coli O157 and Veroroo shiga toxin producing E.coli	IS 14397	Present/Absent per 25gram
109.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	Aerobic Plate Count	IS 5402	≥ 10cfu/g
110.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	Yeast and Mould	IS 5403	≥ 10cfu/g
111.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	Enterobacteriaceae	ISO 21528 Part 2	≥ 10cfu/g
112.	BIOLOGICAL/	Thermally processed	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	Present/Absent per 25gram

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 15 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
113.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
114.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25gram
115.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25gram
116.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally processed	E.coli O157 and Veroroo shiga toxin producing E.coli	IS 14397	Present/Absent per 25gram
117.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	Aerobic Plate Count	IS 5402	≥ 10cfu/g
118.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	Enterobacteriaceae	ISO 21528 Part 2	≥ 10cfu/g
119.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	Present/Absent per 25gram
120.	BIOLOGICAL/	Retort processed	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 16 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
121.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25gram
122.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	Sulphite Reducing Clostridia	ISO 15213	≥ 10cfu/g
123.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	V. cholerae	IS 5887 (Part 5)	Present/Absent per 25gram
124.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Retort processed	E.coli O157 and Verotoxin producing E.coli	IS 14397	Present/Absent per 25gram
125.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Spices (Fresh, Dehydrated, Powdered, Extracted, wet ground (paste) Pickled/ preserved	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
126.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Aerobic Plate Count	IS 5402	≥ 10cfu/g
127.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Spices (Fresh, Dehydrated, Powdered, Extracted, wet ground (paste)	Yeast and Mould	IS:5403	≥ 10cfu/g
128.	BIOLOGICAL/		Enterobacteriaceae	IS 7402/ISO 21528 Part 2	≥ 10cfu/g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 17 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Pickled/ preserved			
129.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Spices (Fresh, Dehydrated, Powdered, Extracted, wet ground (paste) Pickled/ preserved	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
130.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Sulphite Reducing Clostridia	ISO 15213	≥ 10cfu/g
131.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Bacillus cereus	IS 5887 (Part 6) /ISO:7932	≥ 10cfu/g
132.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Aerobic Plate Count	IS 5402	≥ 10cfu/g
133.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Yeast and Mould	IS:5403	≥ 10cfu/g
134.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	E.coli	IS 5887 (Part I)/ISO ISO16649-2	≥ 10cfu/g
135.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
136.	BIOLOGICAL/	Meat & meat products	Sulphite Reducing Clostridia	ISO 15213	≥ 10cfu/g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 18 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
137.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
138.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25 gram
139.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Cereal Products , Sprouted Grains, Sweet corn cobs or packed wet grains for direct consumption, fermented products other than dough including bread, cakes, Pasta, Instant Noodles, Doughnet, Ready to eat Grain Products, malted Milk Food	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1	≥ 10cfu/g
140.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Enterobacteriaceae	IS 7402/ISO 21528 Part 2	≥ 10cfu/g
141.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Salmonella	IS 5887 (Part 3)/ISO 6579	Present/Absent per 25gram
142.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Listeria monocytogenes	IS 14988 (Part 1)	Present/Absent per 25 gram
143.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Batter and Dough (Ready tocook)	Staphylococcus aureus (Coagulase +)	IS 5887 (Part II)/IS 5887(Part 8)Sec 1



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 19 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
144.	BIOLOGICAL/ FOOD AND AGRICULTURAL PRODUCTS		Enterobacteriaceae	IS 7402/ISO 21528 Part 2	≥ 10cfu/g
145.	BIOLOGICAL/ WATER	Packaged Drinking Water	Escherishia coli	IS 15185	Present/Absent per 250 ml
146.	BIOLOGICAL/ WATER	Packaged Drinking Water	Faecal Streptococci	IS 15186	Present/Absent per 250 ml
147.	BIOLOGICAL/ WATER	Packaged Drinking Water	Pseudomonas aeruginosa	IS 13428 (Annex D)	Present/Absent per 250 ml
148.	BIOLOGICAL/ WATER	Packaged Drinking Water	Salmonella sp.	IS 15187	Present/Absent per 250 ml
149.	BIOLOGICAL/ WATER	Packaged Drinking Water	Shigella	IS:5887(Part-7)	Present/Absent per 250 ml
150.	BIOLOGICAL/ WATER	Packaged Drinking Water	Staphylococcus aureus (Coagulase positive)	IS 5887 (Part II)	Present/Absent per 250 ml
151.	BIOLOGICAL/ WATER	Packaged Drinking Water	Sulphite reducing anaerobes	IS 13428 (Annex C)	Present/Absent per 50 ml
152.	BIOLOGICAL/ WATER	Packaged Drinking Water	Total Coliforms	IS 15185	Present/Absent per 250 ml
153.	BIOLOGICAL/ WATER	Packaged Drinking Water	V. Cholerae	IS 5887 (Part V)	Present/Absent per 250 ml
154.	BIOLOGICAL/ WATER	Packaged Drinking Water	V. parahaemolyticus	IS 5887 (Part V)	Present/Absent per 250 ml

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 20 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
155.	BIOLOGICAL/ WATER	Packaged Drinking Water	Yeast and Moulds	IS 5403	Present/Absent per 250 ml
156.	BIOLOGICAL/ WATER	Packaged Drinking Water	Aerobic Plate Count at 20-22°C at 37°C	IS 5402	>1cfu /ml
157.	BIOLOGICAL/ WATER	Carbonated water	Escherishia coli	IS 15185	Present/Absent per 250 ml
158.	BIOLOGICAL/ WATER	Carbonated water	Faecal Streptococci	IS 15186	Present/Absent per 250 ml
159.	BIOLOGICAL/ WATER	Carbonated water	Pseudomonas aeruginosa	IS 13428 (Annex D)	Present/Absent per 250 ml
160.	BIOLOGICAL/ WATER	Carbonated water	Salmonella sp.	IS 15187	Present/Absent per 250 ml
161.	BIOLOGICAL/ WATER	Carbonated water	Shigella	IS:5887(Part-7)	Present/Absent per 250 ml
162.	BIOLOGICAL/ WATER	Carbonated water	Staphylococcus aureus (Coagulase positive)	IS 5887 (Part II)	Present/Absent per 250 ml
163.	BIOLOGICAL/ WATER	Carbonated water	Sulphite reducing anaerobes	IS 13428 (Annex C)	Present/Absent per 50 ml
164.	BIOLOGICAL/ WATER	Carbonated water	Total Coliforms	IS 15185	Present/Absent per 250 ml
165.	BIOLOGICAL/ WATER	Carbonated water	V. Cholerae	IS 5887 (Part V)	Present/Absent per 250 ml
166.	BIOLOGICAL/	Carbonated water	V. parahaemolyticus	IS 5887 (Part V)	

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 21 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	WATER				Present/Absent per 250 ml
167.	BIOLOGICAL/ WATER	Carbonated water	Yeast and Moulds	IS 5403	Present/Absent per 250 ml
168.	BIOLOGICAL/ WATER	Carbonated water	Aerobic Plate Count at 20-22°C at 37°C	IS 5402	Others :>1cfu /ml
169.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Escherishia coli	IS 15185	Present/Absent per 250 ml
170.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Faecal Streptococci	IS 15186	Present/Absent per 250 ml
171.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Pseudomonas aeruginosa	IS 13428 (Annex D)	Present/Absent per 250 ml
172.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Salmonella sp.	IS 15187	Present/Absent per 250 ml
173.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Shigella	IS:5887(Part-7)	Present/Absent per 250 ml
174.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Staphylococcus aureus (Coagulase positive)	IS 5887 (Part II)	Present/Absent per 250 ml
175.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Sulphite reducing anaerobes	IS 13428 (Annex C)	Present/Absent per 50 ml
176.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Total Coliforms	IS 15185	Present/Absent per 250 ml
177.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	V. Cholerae	IS 5887 (Part V)	Present/Absent per 250 ml

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 22 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
178.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	V. parahaemolyticus	IS 5887 (Part V)	Present/Absent per 250 ml
179.	BIOLOGICAL/ WATER	Packaged Natural Mineral Water	Yeast and Moulds	IS 5403	Present/Absent per 250 ml
180.	BIOLOGICAL/ WATER	Drinking water Purified	Escherishia coli	IS 15185 (ISO 9308 – 1: 2014; Amd-1, 2016): 2016	Present/Absent per 100 ml
181.	BIOLOGICAL/ WATER	Drinking water Purified	Total Coliforms	IS 15185 (ISO 9308 – 1: 2014; Amd-1, 2016): 2016	Present/Absent per 100 ml
182.	BIOLOGICAL/ WATER	Water Based Non carbonated beverages	Bacterial Count	IS 5402	≥ 1 cfu/ml
183.	BIOLOGICAL/ WATER	Water Based Non carbonated beverages	Coliform Count	IS 5401 Part 1	≥ 1 cfu/ml
184.	BIOLOGICAL/ WATER	Water Based Non carbonated beverages	Y & M	IS 5403	≥ 1 cfu/ml
185.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Milk Fat	FSSAI 01.024:2022 (Method-1 & 2)	0.1 % to 40%
186.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Solid not fat	FSSAI 01.025:2022	1 – 90 %
187.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Urea content	FSSAI 01.004:2022	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 23 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
188.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk		FSSAI 01.005:2022	150 mg/kg to 1000 mg/kg
189.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Adulterant by kit	NDDB Kit Method	Absent/Present
190.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
191.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Metals (Lead, Cadmium, Arsenic, Mercury, -Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
192.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products, Liquid Milk	Total Sodium	AOAC 999.10 (Ed 22)	1 mg/100gm to 500 mg/100gm
193.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Milk Fat	FSSAI 01.024:2022 (Method-1 & 2)	0.1 % to 40%
194.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Solid not fat	FSSAI 01.025:2022	1 – 90 %
195.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Synthetic Colour	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No- 4.2.3.1	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 24 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
196.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
197.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Urea	FSSAI 01.004:2022	Absent/Present
198.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk		FSSAI 01.005:2022	150 mg/kg to 1000 mg/kg
199.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Total Sodium	AOAC 999.10 (Ed 22)	1 mg/100gm to 500 mg/100gm
200.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Flavoured milk	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
201.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Evaporated or concentrated Milk	Milk Fat	FSSAI 01.051:2022	0.1 % to 40%
202.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Evaporated or concentrated Milk	Milk Solids	FSSAI 01.053:2022	0.2 % to 99 %
203.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Evaporated or concentrated Milk	Milk Protein in Milk solid not fat	FSSAI 01.054:2022	1% to 90%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 25 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
204.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Evaporated or concentrated Milk	Sorbic Acid	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
205.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Evaporated or concentrated Milk	Metals (Lead, Cadmium, Arsenic, Mercury Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
206.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Evaporated or concentrated Milk	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
207.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Milk Fat	FSSAI 01.051:2022	1% to 40%
208.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Milk Solids	FSSAI 01.053:2022	0.2 % to 99 %
209.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Milk Protein in Milk solid not fat	FSSAI 01.054:2022	1% to 90%
210.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Solid not fat	FSSAI 01.054:2022	0.2 % to 99 %
211.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Sorbic Acid	FSSAI Manual of Methods of Analysis of Additives	0.05 % to 1 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 26 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Products-2016 Method No-2.2.2	
212.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
213.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
214.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Milk Fat	FSSAI 01.073:2022(Method 1 & 2)	0.1 – 70 %
215.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Total Solids	FSSAI 01.072:2022	0.2 % to 99.0 %
216.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Total Ash	FSSAI 01.077:2022	0.1 % to 15 %
217.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Titration Acidity	FSSAI 01.076:2022	0.01 % to 5.0 %
218.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	RM Value	FSSAI 01.078:2022	30-45
219.	CHEMICAL/	Khoa	Polenske Value	FSSAI 01.078:2022	0.1-4



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 27 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
220.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	BR reading	FSSAI 01.078:2022	1.3000-1.7000
221.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Sorbic Acid	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
222.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Added Starch	FSSAI 01.074:2022	Absent/Present
223.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Added Sugar	FSSAI 01.075:2022	Absent/Present
224.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
225.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Khoa	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
226.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cream / Malai	Milk Fat	FSSAI 01.030:2022 (Method-1&2)	0.1 % to 40%
227.	CHEMICAL/	Cream / Malai	Acidity	FSSAI 01.076:2022	0.01 % to 5.0 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 28 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
228.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cream / Malai	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0% to 40 %.012 mg/Kg to 5 mg/Kg
229.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Moisture	FSSAI 01.086:2022	0.1 % to 0.5%
230.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Milk Fat	FSSAI 01.087:2022	0.1 % to 99.9%
231.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	RM Value	FSSAI 01.090:2022	30-45
232.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Polenske Value	FSSAI 01.090:2022	0.1-4
233.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	BR reading	FSSAI 01.088:2022	1.3000-1.7000
234.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Free Fatty Acid	FSSAI 01.089:2022	0.1 to 10 %
235.	CHEMICAL/	Milk Fat/Butter Oil/Ghee	Peroxide Value	FSSAI 01.094:2022	2-30 millieq/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 29 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
236.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Baudouin Test	FSSAI 01.091:2022	Absent/Present
237.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Iodine Value	FSSAI 01.095:2022	7 to 250
238.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Saponification Value	FSSAI 01.096:2022	10 to 300
239.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Fat/Butter Oil/Ghee	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
240.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Butter/Table butter	Moisture	FSSAI 01.080:2022	0.1 % to 40 %
241.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Butter/Table butter	Milk Fat	FSSAI 01.082:2022(Method-2)	0.1 % to 99%
242.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Butter/Table butter	Milk Solids not Fat		0.2 % to 99 %
243.	CHEMICAL/	Butter/Table butter	Common Salt	FSSAI 01.083:2022	0.5 to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 30 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
244.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Butter/Table butter	RM Value	FSSAI 01.084:2022	30-45
245.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Butter/Table butter	BR reading	FSSAI 01.084:2022	1.3000-1.7000
246.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Butter/Table butter	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
247.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Moistur FSSAI Manual of Methods	FSSAI 01.056:2022	0.1 % to 40 %
248.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Milk Fat	FSSAI 01.057:2022	0.1 % to 40%
249.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Milk Protein in Milk solid not fat	FSSAI 01.062:2022	1% to 90%
250.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Titration Acidity	FSSAI 01.059:2022	0.01 % to 5.0 %
251.	CHEMICAL/	Milk Powders	Insolubility Index	FSSAI 01.068:2022	0.1 ml to 15 ml

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 31 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
252.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Total Ash	FSSAI 01.064:2022	0.1 % to 15 %
253.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Scorched Particles	FSSAI 01.070:2022	7.5 mg to 32.5 mg
254.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
255.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Total Sodium	AOAC 999.10 (Ed 22)	1 mg/100gm to 500 mg/100gm
256.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk Powders	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
257.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Moisture	FSSAI 01.057:2022	0.1 % to 40 %
258.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Milk Fat	FSSAI 01.057:2022	0.1 % to 40 %
259.	CHEMICAL/	Dairy Whitener	Milk Protein in Milk solid not fat	FSSAI 01.062:2022	1% to 90%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 32 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
260.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Titration Acidity	FSSAI 01.060:2022	0.01 % to 5.0 %
261.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Insolubility Index	FSSAI 01.068:2022	0.1 ml to 15 ml
262.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Total Ash	FSSAI 01.064:2022	0.1 % to 15 %
263.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Acid Insoluble Ash	FSSAI 01.065:2022	0.01 % to 0.2 %
264.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Added Sugar	FSSAI 01.061:2022	1% to 50 %
265.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Scorched Particles	FSSAI 01.070:2022	7.5 mg to 32.5 mg
266.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
267.	CHEMICAL/	Dairy Whitener	Total Sodium	AOAC 999.10 (Ed 22)	1 mg/100gm to 500 mg/100gm

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 33 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
268.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dairy Whitener	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
269.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Moisture	FSSAI 01.106:2022	0.1 % to 40 %
270.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Milk Fat	FSSAI 01.107:2022	0.1 % to 40%
271.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Milk Protein in Milk solid not fat	FSSAI 01.062:2022	1% to 90%
272.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Lactose Content	FSSAI 01.111:2022	1 % to 100 %
273.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	pH	FSSAI 01.110:2022	1 to 13
274.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Total Ash	FSSAI 01.109:2022	0.1 % to 15 %
275.	CHEMICAL/	Whey Powder	Titration Acidity	FSSAI 01.060:2022	0.01 % to 5.0 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	34 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
276.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
277.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Total Sodium	AOAC 999.10 (Ed 22)	1 mg/100gm to 500 mg/100gm
278.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whey Powder	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
279.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dahi (Curd)	Milk Fat	FSSAI 01.033:2022	0.5 - 10 %
280.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dahi (Curd)	Milk solid not fat	FSSAI 01.034:2022(Method-1)	0.2 % to 99 %
281.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dahi (Curd)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
282.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Yoghurt/Flavoured Dahi	Milk Fat	FSSAI 01.033:2022	0.1 % to 40%
283.	CHEMICAL/	Yoghurt/Flavoured Dahi	Milk solid not fat	FSSAI 01.034:2022(Method-1)	0.2 – 90 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 35 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
284.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Yoghurt/Flavoured Dahi	Milk Protein	FSSAI 01.036:2022	1% to 90%
285.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Yoghurt/Flavoured Dahi	Titration Acidity	FSSAI 01.035:2022	0.01 % to 5.0 %
286.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Yoghurt/Flavoured Dahi	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
287.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chakka	Total Solid	FSSAI 01.099:2022	0.2 % to 99.0 %
288.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chakka	Milk Fat	FSSAI 01.100:2022	0.1 % to 40%
289.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chakka	Milk Protein	FSSAI 01.101:2022	1% to 90%
290.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chakka	Titration Acidity	FSSAI 01.102:2022	0.01 % to 5.0 %
291.	CHEMICAL/	Chakka	Total Ash	FSSAI 01.103:2022	0.1 % to 15 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	36 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
292.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chakka	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
293.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Shrikhand	Total Solid	FSSAI 01.099:2022	0.2 % to 99.0 %
294.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Shrikhand	Milk Fat	FSSAI 01.100:2022	0.1 % to 40%
295.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Shrikhand	Milk Protein	FSSAI 01.101:2022	1% to 90%
296.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Shrikhand	Titration Acidity	FSSAI 01.102:2022	0.01 % to 5.0 %
297.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Shrikhand	Total Ash	FSSAI 01.103:2022	0.1 % to 15 %
298.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Shrikhand	Sugar	FSSAI 01.104:2022	1 % to 50 %
299.	CHEMICAL/	Shrikhand	Metals (Lead, Cadmium,	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 37 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS		Arsenic, Mercury, Copper, Tin)		
300.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream/ Kulfi/Milk iceor Frozen Desserts	Total Solid	FSSAI 01.046:2022	0.2 % to 99.0 %
301.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream/ Kulfi/Milk iceor Frozen Desserts	Fat	FSSAI 01.048:2022	0.1 % to 40 %
302.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream/ Kulfi/Milk iceor Frozen Desserts	Milk Protein	FSSAI 01.049:2022	1% to 90%
303.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream/ Kulfi/Milk iceor Frozen Desserts	Weight/Volume	FSSAI 01.047:2022	400g/L to 600g/L
304.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Cream/ Kulfi/Milk iceor Frozen Desserts	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
305.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chhana / Paneer	Moisture	FSSAI 01.043:2022	0.1 – 90 %
306.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chhana / Paneer	Milk Fat	FSSAI 01.044:2022	0.1 – 70 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 38 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
307.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chhana / Paneer	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
308.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese	Moisture	FSSAI 01.039:2022	0.1 – 90 %
309.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese	Milk Fat	FSSAI 01.040:2022	0.1 – 70 %
310.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese	Lactose	FSSAI 01.111:2022	0.5-50%
311.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese	Synthetic Colour	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No- 4.2.3.1	Absent/Present
312.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese	Sorbic Acid	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
313.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cheese	Metals (Lead, Cadmium, Arsenic, Mercury , Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
314.	CHEMICAL/	Infant Milk substitutes	Moisture	FSSAI 01.056:2022	0.1 % to 40 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 39 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
315.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Protein	FSSAI 01.063:2022	0.1 % to 40%
316.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Fat	FSSAI 01.057:2022	0.1 % to 40 %
317.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Ash	FSSAI 01.064:2022	0.02 - 15%
318.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Ash insoluble in dil Hcl	FSSAI 01.065:2022	0.01 % to 0.2 %
319.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Solubility Index	FSSAI 01.069:2022	0.1 ml to 4 ml
320.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
321.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Vitamin D	PBTI/SOP/11:TP-05_HPLC Issue No. 02 date 05.03.2010	30µg/Kg to 30 mg/kg
322.	CHEMICAL/	Infant Milk substitutes	Vitamin C	IS 5838	1 mg/100g to 100mg/100g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 40 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
323.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Thiamin	PBTI /SOP/82:TP-51_HPLC Issue No. 01 date 28.07.2015	0.05 to 3.0 mg/100g
324.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Riboflavin	PBTI /SOP/80:TP-49_HPLC Issue No. 01 date 09.02.2015	0.05 to 3.0 mg/100g
325.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Niacin	PBTI /SOP/137 :TP-97_HPLC Issue No. 01 date 22.06.2017	0.5 to 5.0 mg/100g
326.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Pyridoxine	PBTI /SOP/83:TP-52_HPLC Issue No. 01 date 23.02.2016	0.05 to 3.0 mg/100g
327.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes		Issue No. 01 date 15.03.2017	
328.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Pantothenic Acid	PBTI /SOP/142:TP-101_LCMSMS Issue No. 01 date 06.10.2017	0.5 to 5.0 mg/100g
329.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Vitamin B12	PBTI/SOP/133/TP-95 Issue No. 01 date 10.05.2017	1 -500 ug/100g
330.	CHEMICAL/	Infant Milk substitutes	Sodium	AOAC (22nd Ed) 999.10	1 mg/100g to 500 mg/100g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 41 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
331.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Potassium	AOAC (22nd Ed) 999.10	1 mg/100g to 500 mg/100g
332.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Chloride	FSSAI Manual of Methods of Analysis of Milk & Milk Products -2016	50 mg/100g to 1000mg/100g
333.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Calcium	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
334.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Phophorus	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
335.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Magnesium	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
336.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Iron	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
337.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Iodine	PBTI/SOP/123:TP-87 Issue No. 01 date 17.10.2016	12.5ug/100g to 100ug/100g
338.	CHEMICAL/	Infant Milk substitutes	Copper	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 42 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
339.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Zinc	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
340.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Manganese	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
341.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Selenium	AOAC (22nd Ed) 2015.01	1 mg/100g to 500 mg/100g
342.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.012 mg/Kg to 5 mg/Kg
343.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Infant Milk substitutes	Aflatoxin M1	PBTI /SOP/60:TP-38_LCMSMS Issue No. 02 date 04.11.2014	0.03- 5 ug/Kg
344.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
345.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Vitamin D	PBTI /SOP/11:TP-05_HPLC Issue No. 02 date 05.03.2010	30µg/Kg to 30 mg/kg
346.	CHEMICAL/	Milk & milk Products	Added Colour	FSSAI Manual of Methods of Analysis of	Present/Absent

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 43 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Milk & Milk Products -2016	
347.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Moisture	FSSAI 01.113:2022	0.1% to 40%
348.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Milk fat	FSSAI 01.114:2022	1 % to 60 %
349.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Milk Protein	FSSAI 01.115:2022	1 % to 90 %
350.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Casein in protein	. FSSAI 01.116:2022	1 % to 99 %
351.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Lactose	FSSAI 01.117:2022	0.5 % to 70 %
352.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Total Ash	FSSAI 01.118:2022	0.1 % to 15 %
353.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Milk & milk Products	Free Acid	FSSAI 01.119:2022	0.01 % to 5 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	44 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
354.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Cotton Seed Oil, Ground Nut Oil, Poppy Seed Oil,	Butyro-Refractometer Reading at 40°C	FSSAI 02.003:2021	30 to 90
355.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Safflower seed Oil, Taramira Oil, Til Oil, Niger Seed Oil, Maize	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
356.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oil, Almond Oil, Watermelon seed Oil, Coconut Oil, Soyabean Oil	Saponification value	FSSAI 02.007:2021	10 to 300
357.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Cotton Seed Oil, Ground Nut Oil, Poppy Seed Oil,	Iodine value	FSSAI 02.010:2021	7 to 250
358.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Safflower seed Oil, Taramira Oil, Til Oil, Niger Seed Oil, Maize	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
359.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oil, Almond Oil, Watermelon seed Oil, Coconut Oil, Soyabean Oil	Acid value	FSSAI 02.009:2021	0.1 to 30
360.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Cotton Seed Oil, Ground Nut Oil, Poppy Seed Oil,	Bellier Turbidity Temperature	FSSAI 02.012:2021	20° C to 45° C
361.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Safflower seed Oil, Taramira Oil, Til Oil, Niger Seed Oil, Maize	Polenske value	FSSAI 02.011:2021	0.5 to 50
362.	CHEMICAL/	Oil, Almond Oil,	Rancidity	FSSAI 02.042:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 45 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Watermelon seed Oil, Coconut Oil, Soyabean Oil			
363.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Cotton Seed Oil, Ground Nut Oil, Poppy Seed Oil,	Suspended /Other foreign matter		Absent/Present
364.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Safflower seed Oil, Taramira Oil, Til Oil, Niger Seed Oil, Maize Oil, Almond Oil, Watermelon seed Oil, Coconut Oil, Soyabean Oil	Added Colour	FSSAI 02.045:2021	Absent/Present
365.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Mineral oil	FSSAI 02.029:2021	Absent/Present
366.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Cotton Seed Oil, Ground Nut Oil, Poppy Seed Oil,	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
367.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Safflower seed Oil, Taramira Oil, Til Oil, Niger Seed Oil, Maize Oil, Almond Oil, Watermelon seed Oil, Coconut Oil, Soyabean Oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
368.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Moisture & volatile matter	FSSAI 02.001:2021	0.01 % to 20 %
369.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Cotton Seed Oil, Ground Nut Oil, Poppy Seed Oil,	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
370.	CHEMICAL/	Safflower seed Oil, Taramira Oil,	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 46 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Til Oil, Niger Seed Oil, Maize Oil, Almond Oil, Watermelon seed Oil, Coconut Oil, Soyabean Oil			
371.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
372.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Phosphorous-Only in Soyabean Oil	FSSAI 02.038:2021	0.1 mg/Kg to 50 mg/Kg
373.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Rancidity	FSSAI 02.042:2021	Absent/Present
374.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Foreign Matter		Present/Absent
375.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Added Color	FSSAI 02.045:2021	Absent/Present
376.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Test for Mineral Oil	FSSAI 02.029:2021	Absent/Present
377.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
378.	CHEMICAL/	Linseed Oil, Mahua Oil	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 47 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
379.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Saponification value	FSSAI 02.007:2021	10 to 300
380.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Iodine value	FSSAI 02.010:2021	7 to 300
381.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
382.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Acid value	FSSAI 02.009:2021	0.1 to 30
383.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
384.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
385.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
386.	CHEMICAL/	Linseed Oil, Mahua Oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 48 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
387.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Linseed Oil, Mahua Oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
388.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Rancidity	FSSAI 02.042:2021	Absent/Present
389.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Foreign Matter		Present/Absent
390.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Added Color	FSSAI 02.045:2021	Absent/Present
391.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Test for Mineral Oil	FSSAI 02.045:2021	Absent/Present
392.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
393.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
394.	CHEMICAL/	Rapeseed Oil, Mustard oil	Saponification value	FSSAI 02.007:2021	10 to 300

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 49 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
395.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Iodine value	FSSAI 02.010:2021	7 to 250
396.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
397.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Acid value	FSSAI 02.009:2021	0.1 to 30
398.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
399.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Bellier Turbidity Temperature	FSSAI 02.012:2021	20° C to 45° C
400.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Test for Hydrocyanic Acid	FSSAI 02.034:2021(Method-B)	Absent/Present
401.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Flash point Pensky-Martens (in case of oil obtained by Solvent Extraction)	FSSAI 02.004:2021	25°C to 250°C
402.	CHEMICAL/	Rapeseed Oil, Mustard oil	Natural allyl isothiocyanate		0.03 % to 1.0 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 50 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
403.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
404.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
405.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg
406.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Rapeseed Oil, Mustard oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
407.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Moisture	FSSAI 02.001:2021	0.01 % to 20 %
408.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Insoluble impurities		0.01 % to 5.0 %
409.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Free Fatty Acid	FSSAI 02.009:2021	0.01 % to 5.0 %
410.	CHEMICAL/	Olive Oil	Rancidity	FSSAI 02.042:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 51 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
411.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Foreign Matter	VISUAL	Present/Absent
412.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Added Color	FSSAI 02.045:2021	Absent/Present
413.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Test for Mineral Oil	FSSAI 02.045:2021	Absent/Present
414.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
415.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
416.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Saponification value	FSSAI 02.007:2021	10 to 300
417.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Iodine value	FSSAI 02.010:2021	7 to 250
418.	CHEMICAL/	Olive Oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 52 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
419.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Acid value	FSSAI 02.009:2021	0.1 to 30
420.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Test for the presence of	FSSAI 02.032:2021	Absent/Present
421.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Argemone oil		
422.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Bellier Turbidity Temperature	FSSAI 02.012:2021	20° C to 45° C
423.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Cotton seed Oil Test	FSSAI 02.014:2021	Absent/Present
424.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Seasame seed Oil Test	FSSAI 02.013:2021	Absent/Present
425.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
426.	CHEMICAL/	Olive Oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 53 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
427.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Iron	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
428.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
429.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Lead	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
430.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Arsenic	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
431.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg
432.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Olive Oil	Metals (Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
433.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Rancidity	FSSAI 02.042:2021	Absent/Present



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 54 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
434.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Foreign Matter		Present/Absent
435.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Added Color	FSSAI 02.045:2021	Absent/Present
436.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Test for Mineral Oil	FSSAI 02.045:2021	Absent/Present
437.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
438.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
439.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Saponification value	FSSAI 02.007:2021	10 to 300
440.	CHEMICAL/	Palm Oil, Palmolein, Palm Kernel Oil,	Iodine value	FSSAI 02.010:2021	7 to 250

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 55 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Sunflower Seed Oil, Rice Bran Oil			
441.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
442.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Acid value	FSSAI 02.009:2021	0.1 to 30
443.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
444.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Flash point Pensky-Martens (in case of oil obtained by Solvent Extraction)	FSSAI 02.004:2021	25°C to 250°C
445.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
446.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	56 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
447.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Free fatty acid expressed as palmitic acid	FSSAI 02.009:2021	0.01 % to 5 %
448.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Melting point	FSSAI 02.006:2021	25 °C to 50 °C
449.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Cloud Point	FSSAI 02.015:2021	5 °C to 30 °C
450.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Free fatty acid as oleic acid	FSSAI 02.009:2021	0.01 % to 5 %
451.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Turbidity	FSSAI 02.012:2021	Absent/Present
452.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Oryzanol content	FSSAI 02.052:2021	0.1 % to 10 %
453.	CHEMICAL/	Palm Oil, Palmolein, Palm Kernel Oil,	Hexane	IS 4277:2014_GC-FID	2 mg/Kg to 20 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 57 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Sunflower Seed Oil, Rice Bran Oil			
454.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg
455.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Palm Oil, Palmolein, Palm Kernel Oil, Sunflower Seed Oil, Rice Bran Oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
456.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Moisture	FSSAI 02.001:2021	0.01 % to 20 %
457.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Rancidity	FSSAI 02.042:2021	Absent/Present
458.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Foreign Matter		Present/Absent
459.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Added Color	FSSAI 02.032:2021	Absent/Present
460.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Test for Mineral Oil	FSSAI 02.045:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 58 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
461.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
462.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
463.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Saponification value	FSSAI 02.007:2021	10 to 300
464.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Iodine value	FSSAI 02.010:2021	7 to 250
465.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
466.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Acid value	FSSAI 02.009:2021	0.1 to 30
467.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
468.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Flash point Pensky-Martens	FSSAI 02.004:2021	25°C to 250°C

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	59 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
469.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Cloud Point	FSSAI 02.015:2021	5°C to 30°C
470.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Castor oil	FSSAI 02.031:2021	Absent/Present
471.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Other vegetable and animal fats		Absent/Present
472.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Linolenic Acid-in Partially hydrogenated Vegetable oil	PBTI/SOP/22/TP-15 Issue No. 01 date 11.04.2011	1 % TO 90%
473.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg
474.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Partially hydrogenated Vegetable oil/ Soyabean Oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
475.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Moisture & volatile matter	FSSAI 02.001:2021	0.01 % to 20 %
476.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Rancidity	FSSAI 02.042:2021	Absent/Present



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 60 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
477.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Foreign Matter		Present/Absent
478.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Added Color	FSSAI 02.032:2021	Absent/Present
479.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Test for castor Oil	FSSAI 02.031:2021	Absent/Present
480.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Test for the presence of Rice Bran oil	FSSAI 02.016:2021	Absent/Present
481.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
482.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Acid value	FSSAI 02.009:2021	0.1 to 30
483.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
484.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Test for Hydrocyanic Acid	FSSAI 02.035:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 61 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
485.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Flash point Pensky-Martens	FSSAI 02.004:2021	25°C to 250°C
486.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Mineral oil	FSSAI 02.045:2021	Absent/Present
487.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
488.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
489.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Boudouin test	FSSAI 02.013:2021	Absent/Present
490.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Other vegetable and animal fats		Absent/Present
491.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Suspended or insoluble matter		Absent/Present
492.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 62 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
493.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Blended Edible Vegetable oil, Refined Vegetable oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
494.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Moisture	FSSAI 02.001:2021	0.01 % to 20 %
495.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Rancidity	FSSAI 02.042:2021	Absent/Present
496.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Foreign Matter		Present/Absent
497.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Trans Fatty Acids	PBTI/SOP/22/TP-15 Issue No. 01 date 11.04.2011	1 % to 15%
498.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Free Fatty Acid	FSSAI Manual of Methods of Analysis of Oils & Fats - 2021	0.01 % to 5.0 %
499.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Test for the presence of sesame oil		Absent/Present
500.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 63 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
501.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
502.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Mineral oil	FSSAI 02.045:2021	Absent/Present
503.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Added Colour	FSSAI 02.032:2021	Absent/Present
504.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Boudouin test	FSSAI 02.013:2021	Absent/Present
505.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Peroxide Value	FSSAI 02.042:2021	0.5 meq to 50 meq
506.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
507.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
508.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	64 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
509.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Interesterified Vegetable oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
510.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Iodine value	FSSAI 02.010:2021	7 to 250
511.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Melting Point	FSSAI 02.006:2021	25°C to 50 °C
512.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
513.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
514.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Saponification value	FSSAI 02.007:2021	10 to 300
515.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Free Fatty Acid	FSSAI 02.009:2021	0.01 % to 5.0 %
516.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
517.	CHEMICAL/	Edible Fat	Moisture	FSSAI 02.001:2021	0.01 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 65 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
518.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Rancidity	FSSAI 02.042:2021	Absent/Present
519.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
520.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Saponification value	FSSAI 02.007:2021	10 to 300
521.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Iodine value	FSSAI 02.010:2021	7 to 250
522.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
523.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fat	Acid value	FSSAI 02.009:2021	0.1 to 30
524.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Fatty Acid Profiling	PBTI/SOP/22/TP-15 Issue No. 01 date 11.04.2011	1 % to 90%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 66 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
525.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Test for the presence of Argemone oil	FSSAI Manual of Methods of Analysis of Oils & Fats - 2016	Absent/Present
526.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Flash point Pensky-Martens (in case of oil obtained by Solvent Extraction)	FSSAI 02.004:2021	25°C to 250°C
527.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Suspended /Other foreign matter		Absent/Present
528.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
529.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Butyro-Refractometer Reading at 40oC	FSSAI 02.003:2021	30 to 90
530.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Refractive Index at 40°C	FSSAI 02.003:2021	1.3000 to 1.7000
531.	CHEMICAL/	Refined Salseed Fat, Kokum Fat, Mango Kernel fat,	Saponification value	FSSAI 02.007:2021	10 to 300

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 67 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Dhupa Fat, Phulwara Fat			
532.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Free Fatty Acid	FSSAI 02.009:2021	0.01 % to 5.0 %
533.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Moisture	FSSAI 02.001:2021	0.01 % to 20 %
534.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Added Colour	FSSAI 02.032:2021	Absent/Present
535.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Iodine value	FSSAI 02.010:2021	7 to 250
536.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
537.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Acid value	FSSAI 02.009:2021	0.1 to 30

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 68 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
538.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Rancidity	FSSAI 02.042:2021	Absent/Present
539.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Refined Salseed Fat, Kokum Fat, Mango Kernel fat, Dhupa Fat, Phulwara Fat	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
540.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified oil	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
541.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified oil	Vitamin D	PBTI/SOP/11/TP-05-HPLC; Issue No. & Date 02/05 MAR: 2010	30 µg/kg to 30 mg/kg
542.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Moisture	FSSAI 02.001:2021	0.01 % to 40 %
543.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Fat	FSSAI 01.082:2022	0.1 % to 99.9%
544.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 69 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
545.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Melting Point	FSSAI 02.006:2021	25°C to 50 °C
546.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Unsaponifiable matter of extracted Fat	FSSAI 02.008:2021	0.2 % to 10 %
547.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Acid value	FSSAI 02.009:2021	0.1 to 30
548.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Free Fatty Acid	FSSAI 02.009:2021	0.01 % to 5.0 %
549.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Boudine Test	FSSAI 02.013:2021	Absent/Present
550.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
551.	CHEMICAL/	Margarine & Fat Spreads, Peanut Butter, Milk fat	Trans Fatty Acids-in Bakery & Industrial Margarine	PBTI/SOP/22/TP-15 Issue No. 01 date 11.04.2011	1 % to 15%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	70 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	spread, Vanaspati			
552.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Protein	IS 7219:1973	0.1 % to 50%
553.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Total Ash	PBTI/SOP/18:TP-11	0.1% to 20%
554.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Acid value of extracted Fat	FSSAI 02.009:2021	0.01 % to 5 %
555.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Salt as NaCl	FSSAI 01.083:2022	0.1% to 10%
556.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Total Polar compound	FSSAI 02.051:2021	0.1% to 20%
557.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Rancidity	FSSAI 02.042:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 71 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
558.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Mineral oil	FSSAI 02.029:2021	Absent/Present
559.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Starch	FSSAI 01.074:2022	Absent/Present
560.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Margarine & Fat Spreads, Peanut Butter, Milk fat spread, Vanaspati	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
561.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Moisture	FSSAI 02.001:2021	0.01 % to 20 %
562.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
563.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Unsaponifiable matter	FSSAI 02.008:2021	0.2 % to 10 %
564.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Free Fatty Acid	FSSAI 02009:2021	0.01 % to 5.0 %
565.	CHEMICAL/	Hydrogenated Vegetable Oil	Nickel		0.1 mg/Kg to 50 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 72 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
566.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Test for the presence of Argemone oil	FSSAI 02.032:2021	Absent/Present
567.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Boudine Test	FSSAI 02.013:2021	Absent/Present
568.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Trans Fatty Acids	PBTI/SOP/22/TP-15 Issue No. 01 date 11.04.2011	1 % to 15%
569.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Hydrogenated Vegetable Oil	Metals (Lead, Arsenic, Copper, Tin, Cadmium, Mercury, Nickel)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
570.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats & Products	Total Aflatoxin	AOAC (22nd Ed) 2013.05	8ug/Kg to 100ug/Kg
571.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats & Products	Vitamin A	PBTI /SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/Kg
572.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats & Products	Vitamin E	PBTI /SOP/74:TP-47_HPLC Issue No. 01 date 27.01.2014	0.3 mg/100g to 10 mg/100g
573.	CHEMICAL/	Oils & Fats & Products	Vitamin D	PBTI /SOP/11:TP-	30µg/Kg to 30 mg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 73 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			05_HPLC Issue No. 02 date 05.03.2010	
574.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats & Products	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No- 4.2.3.1	Absent/Present
575.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fresh fruits & vegetables	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (ED 22) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
576.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Drained weight	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	25 % to 80 %
577.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Hydrocyanic Acid	FSSAI Manual of Methods of Analysis of Foods -cereal and cereal products – 2016 Method no- 1.5	2.7 mg/kg to 100 mg/kg
578.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
579.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Benzoates	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.1.2	50 mg/L to 1000 mg/L



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	74 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
580.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Sorbates	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
581.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
582.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Natural colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.2	Absent/Present
583.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Blemished fruit pieces	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	0.01 % to 50 %
584.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Peel	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	Absent/Present
585.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits/Vegetables	Seed Material and Extraneous Vegetative Matter	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	Absent/Present
586.	CHEMICAL/	Thermally Processed Fruits/Vegetables	Metals (Lead, Cadmium, Arsenic, Mercury , Copper, Tin)	AOAC (ED 22) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	75 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
587.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Drained weight	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	25 % to 80 %
588.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
589.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Common salt	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.7	0.5 to 10 %
590.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	calcium-ion content	AOAC (19th Ed) 999.10	1 mg/100g to 500 mg/100g
591.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	pH	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.3	1-14
592.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	physical appearance	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	Fine

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 76 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
593.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Blemishes	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	Absent/Present
594.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Presence of peel	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	Absent/Present
595.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
596.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Natural colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.2	Absent/Present
597.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Sorbates	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
598.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Tomatoes	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (ED 22) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
599.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables /	Sorbates	FSSAI Manual of Methods of Analysis of Additives	0.05 % to 1 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 77 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Ready to Eat Vegetables		Products-2016 Method No-2.2.2	
600.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Ready to Eat Vegetables	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
601.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Ready to Eat Vegetables	Natural colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.2	Absent/Present
602.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Ready to Eat Vegetables	BENZOATES	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.1.2	50 mg/L to 1000 mg/L
603.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Ready to Eat Vegetables	Total soluble solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1 -99 %
604.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Ready to Eat Vegetables	TSS Min	Manual of Methods of FSSAI Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1-99 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 78 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
605.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Readyto Eat Vegetables	Acidity expressed as Citric Acid Max.(%)	Manual of Methods of FSSAI Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	0.01 % to 5.0 %
606.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Readyto Eat Vegetables	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
607.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Curried Vegetables / Readyto Eat Vegetables	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (ED 22) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
608.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Total soluble solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1 -99 %
609.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Sodium Chloride	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.7	0.5 % to 10 %
610.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Total titrable acidity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	0.1 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	79 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
611.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	pH	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.3	1-14
612.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Sugar content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.6	1 % to 50 %
613.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
614.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
615.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
616.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Juice	Metals (Lead, Cadmium, Arsenic, Mercury Copper, Tin)	AOAC (ED 22) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
617.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Total soluble solids	FSSAI Manual of Methods of Analysis of Fruits &	1 -99 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 80 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Vegetables Products – 2016 Method no- 2.2	
618.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Sodium Chloride	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.7	0.5 % to 10 %
619.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Total titrable acidity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	0.1 % to 10 %
620.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	pH	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	1-13
621.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Sugar content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.6	1 % to 50 %
622.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
623.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	81 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
624.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
625.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Hydrocyanic Acid	FSSAI Manual of Methods of Analysis of food-Cereal and cereal products-Method no-5	2.7 mg/kg to 100 mg/kg
626.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruits Juices	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (ED 22) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
627.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	TSS Min(%)	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1-99 %
628.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Min. Fruit Juice	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products –	10 % to 50 %
629.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Acidity expressed as Citric Acid Max.(%)	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	0.01 % to 5.0 %
630.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 82 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
631.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
632.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Total Soluble solid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1 -99 %
633.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Fruit juice content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2.11	10 % to 50 %
634.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Fruit Nectars	Total Soluble Solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1-99 %
635.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Puree And Paste	Acidity as Citric Acid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	0.01 % to 5.0 %
636.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Puree And Paste	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
637.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Puree And Paste	Total Soluble Solids	FSSAI Manual of Methods of Analysis of Fruits &	1-99 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 83 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Vegetables Products – 2016 Method no- 2.2	
638.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Tomato Puree And Paste	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
639.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soup Powders	TSS Min (%)	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6	1-99 %
640.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soup Powders	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 4.0	0.1 % to 20 %
641.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soup Powders	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
642.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soup Powders	Saffrole	PBTI/SOP/64/TP-40 IssueNo. 01 date 15.10.2013	1 mg/kg to 15 mg/kg
643.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soup Powders	Metals (Lead, Cadmium, Arsenic, Mercury, opper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
644.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soup Powders	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	84 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
645.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Fruit Juices	Vitamin C	IS 5838:1970	1 mg/100gm to 1000 mg/100gm
646.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Fruit Juices	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
647.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tamarind Pulp/Pureeand Concentrate	TSS	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6	1-99 %
648.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tamarind Pulp/Pureeand Concentrate	Acidity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	0.01 % to 5.0 %
649.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tamarind Pulp/Pureeand Concentrate	Ash Insoluble in dilute HCl	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016 Method no-5.3	0.01 % to 0.2 %
650.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tamarind Pulp/Pureeand Concentrate	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
651.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tamarind Pulp/Pureeand Concentrate	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 85 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
652.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Bar/ Toffee	TSS Min(%)	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6	1-99 %
653.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Bar/ Toffee	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 4.1	0.1 % to 20 %
654.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Bar/ Toffee	Fruit content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 6.3	5 % to 50 %
655.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Bar/ Toffee	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
656.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Bar/ Toffee	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
657.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit/Vegetable, Cereal Flakes	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 4.1	0.1 % to 20 %
658.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit/Vegetable, Cereal Flakes	Ash Insoluble in dilute HCl	FSSAI Manual of Methods of Analysis of Fruits &	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 86 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Vegetables Products – 2016 Method no- 5.3	
659.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit/Vegetable, Cereal Flakes	Starch	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 7.3	10 -99 %
660.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit/Vegetable, Cereal Flakes	Sorbic acid	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
661.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit/Vegetable, Cereal Flakes	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
662.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit/Vegetable, Cereal Flakes	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
663.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Squashes, Crushes, Fruit Syrups/Fruit Sharbats and Barley Water	Min (%) of fruit juice	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-9.2	10 % to 50 %
664.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Synthetic Syrup Or Sharbat, Murabba/ Ginger Cocktail/ Carbonated Fruit	TSS Min(%)	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.6	1-99 %
665.	CHEMICAL/	Beverages or Fruit	Acidity	FSSAI Manual of Methods of Analysis of	0.01 % to 5.0 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	87 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Drinks/Jams, Fruit Jellies And Marmalades		Fruits & Vegetables Products – 2016 Method no- 2.4	
666.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Squashes, Crushes, Fruit Syrups/Fruit Sharbats and Barley Water	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
667.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Synthetic Syrup Or Sharbat, Murabba/ Ginger Cocktail/	Hydrocyanic Acid	FSSAI Manual of Methods of Analysis of food-Cereal and cereal products-Method no-5	2.7 mg/kg to 100 mg/kg
668.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages or Fruit Drinks/Jams, Fruit Jellies And Marmalades	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
669.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
670.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Squashes, Crushes, Fruit Syrups/Fruit Sharbats and Barley Water	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
671.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Synthetic Syrup Or Sharbat, Murabba/ Ginger Cocktail/	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
672.	CHEMICAL/	Carbonated Fruit Beverages or	Extraneous matter	FSSAI Manual of Methods of Analysis of Additives	0.05 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	88 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Fruit Drinks/Jams, Fruit Jellies And Marmalades		Products-2016 Method No-17.1	
673.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Candied, Crystallised And Glazed Fruit / Vegetable / Rhizome / Fruit Peel	Total sugar	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-10.1	1 - 90 %
674.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Peel	Reducing sugar	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-10.1	1 % to 90 %
675.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Candied, Crystallised And Glazed Fruit / Vegetable / Rhizome / Fruit Peel	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
676.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Peel	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
677.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Candied, Crystallised And Glazed Fruit / Vegetable / Rhizome / Fruit Peel	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016	1% to 100%
678.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Concentrated Fruit /	TSS Min(%)		0.2%-99 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	89 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
679.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Juice Pulp/ Puree	Water capacity		1% to 100%
680.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed Concentrated Fruit /	Hydrocyanic Acid		2.7 mg/kg to 100 mg/kg
681.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Juice Pulp/ Puree	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
682.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tomato Ketchup and Tomato Sauce/Culinary Pastes / Fruits and Vegetable	Total Soluble solids (m/m)	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6,1.7	1 to 99 %
683.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sauces Other Than Tomato Sauce /Soya Sauce/Soyabean Sauce	Acidity as acetic acid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.4	0.01 % to 5.0 %
684.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tomato Ketchup and Tomato Sauce/Culinary Pastes / Fruits and Vegetable	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
685.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sauces Other Than Tomato Sauce /Soya Sauce/Soyabean Sauce	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 90 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
686.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Tomato Ketchup and Tomato Sauce/Culinary Pastes / Fruits and Vegetable Sauces Other Than Tomato Sauce /Soya Sauce/Soyabean Sauce	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
687.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%
688.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Total Nitrogen	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 14.9	0.5 % to 90 %
689.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
690.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages or Fruit Drinks	Total Soluble solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6	1 -99 %
691.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages or Fruit Drinks	Fruit content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.11	5 % to 50 %
692.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages or Fruit Drinks	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.4	1% to 100%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 91 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
693.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages or Fruit Drinks	Total Aflatoxin	PBT/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
694.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages or Fruit Drinks	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
695.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Cheese	TSS Min(%)	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.2	1-99 %
696.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Cheese	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
697.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Cheese	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
698.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Cheese	Free from burnt of objectionable flavours	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016	Absent/Present
699.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Cheese	Metals (Lead, Cadmium, Arsenic, Mercury, -Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 92 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
700.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Extraneous matter.	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	0.05 % to 10 %
701.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Free from blemishes	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016	Absent/Present
702.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Free from insect or fungal infection	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	Absent/Present
703.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 4.1	0.1 % to 20 %
704.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
705.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
706.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Fruits	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 93 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
707.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016	0.1 % to 20 %
708.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Total Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-17.3	0.1 % to 15 %
709.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Ash insoluble in dil HCl	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-17.4	0.01 % to 0.2 %
710.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Peroxidase Test	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-17.5	Negative/Positive
711.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
712.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Extraneous matter.	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	0.05 % to 10 %
713.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Free from blemishes	FSSAI Manual of Methods of Analysis of Fruits & Vegetables	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 94 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Products -2016 Method no 17.0	
714.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Free from insect or fungal infection	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	Absent/Present
715.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Free from stalks, peels, stems and extraneous matter	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	Absent/Present
716.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dehydrated Vegetables	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
717.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Fruits/ Fruit Products/ Vegetables/ Frozen Curried Vegetables/	Extraneous matter	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	0.05 % to 10 %
718.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ready- to-Eat Vegetables	Free from insect or fungal infection	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	Absent/Present
719.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Frozen Fruits/ Fruit Products/ Vegetables/ Frozen Curried Vegetables/	Peroxidase	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-17.5	Positive/Negative



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 95 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
720.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ready- to-Eat Vegetables	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
721.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
722.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Based Beverage Mix/Powdered FruitBased Beverage	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 4.1	0.1 % to 20 %
723.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Based Beverage Mix/Powdered FruitBased Beverage	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
724.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruit Based Beverage Mix/Powdered FruitBased Beverage	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
725.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	pH	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 11.2	1-13
726.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	TSS	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6	1-99 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 96 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
727.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Total Ash	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 11.3	0.1 % to 15 %
728.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Ash insoluble in dil HCl	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 11.4	0.01 % to 0.2 %
729.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
730.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
731.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.3	1% to 100%
732.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
733.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable Chutney/Mango Chutney	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 97 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
734.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Drained Weight	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 18.1	25 % to 80 %
735.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Sodium Chloride content when packed in Brine	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 18.2	0.5 % to 10 %
736.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Acidity as Citric Acid when packed In Citrus Juice/Acidity of vinegar as acetic acid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 18.3	0.01 % to 5.0 %
737.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %
738.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
739.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Free from insect or fungal infection	FSSAI Manual of Methods of Analysis of Additives Products-2016	Absent/Present
740.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	No sign of fermentation	FSSAI Manual of Methods of Analysis of Additives Products-2016	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 98 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
741.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
742.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pickles	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
743.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	pH	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-19.2	1-14
744.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Sodium Chloride content	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-19.1	0.5 % to 10 %
745.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Drained weight	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 18.1	25 % to 80 %
746.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Benzoate	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 2.1.2	50 mg/L to 1000 mg/L
747.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Sorbate	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-2.2.2	0.05 % to 1 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 99 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
748.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
749.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.3	1% to 100%
750.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Metals (Lead, Cadmium, Arsenic, Mercury Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
751.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Table Olives	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
752.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Extraneous Vegetable matter	IS 966 : 1999	0.05 % to 10 %
753.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Moisture	IS 966 : 1999	0.1 % to 20 %
754.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Total Ash	IS 966 : 1999	0.1 % to 15 %
755.	CHEMICAL/	Desiccated Coconut	Acidity of extracted fat epressed as Lauric Acid	IS 966 : 1999	0.01 % to 5.0 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 100 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
756.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Oil Content	IS 966 : 1999	0.1 % to 20 %
757.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Sulphur Dioxide	IS 966 : 1999	20 mg/kg to 1000 mg/Kg
758.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Free from foreign matter	IS 966 : 1999	Absent/Present
759.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Free from living insects, Free from mould	IS 966 : 1999	Absent/Present
760.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Free from dead insects	IS 966 : 1999	Absent/Present
761.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Free from insect fragments	IS 966 : 1999	Absent/Present
762.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Free from rodent contamination	IS 966 : 1999	Absent/Present
763.	CHEMICAL/	Desiccated Coconut	Free from rancidity	IS 966 : 1999	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 101 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
764.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Free from evidence of fermentation	IS 966 : 1999	Absent/Present
765.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Foreign matter	IS 966 : 1999	Absent/Present
766.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Desiccated Coconut	Metals (Lead, Cadmium, Arsenic, Mercury, , Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
767.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Acidity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method No.14.5	0.01 % to 5.0 %
768.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Total Solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method No.14.3	0.2 % to 99.0 %
769.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Total ash content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method No.14.4	0.1 % to 15 %
770.	CHEMICAL/	Vinegar	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 102 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Products-2016 Method No-4.1	
771.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Extraneous matter.	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	0.05 % to 10 %
772.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Free from sulphuric acid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	Absent/Present
773.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Free from other mineral acid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method No.14.6	Absent/Present
774.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.3	1% to 100%
775.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
776.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vinegar	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
777.	CHEMICAL/	Nuts And Raisins	Extraneous matter.	IS 3579 Amd. 1 : 1983	0.05 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 103 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	(Groundnut Kernel, Almond Kernel, Cashew Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari			
778.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Moisture	IS 3579 Amd. 1 : 1983	0.1 % to 20 %
779.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Damaged kernel/Raisins	IS 3579 Amd. 1 : 1983	0.1 % to 50 %
780.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Ash insoluble in dil Hcl		0.01 % to 0.2 %
781.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Aflatoxin	AOAC (22nd Ed) 2013.05	5ug/Kg to 100ug/Kg
782.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Ash insoluble in dil HCl incase of dates	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method No-17.4	0.01 % to 0.2 %
783.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Free from foreign matter	IS 3579 Amd. 1 : 1983	Absent/Present
784.	CHEMICAL/		Free from living insects, Free from mould	IS 3579 Amd. 1 : 1983	Absent/Present



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 104 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Pistachio nuts, Dates, Dry Fruits & Nuts), Dried			
785.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari	Free from dead insects	IS 3579 Amd. 1 : 1983	Absent/Present
786.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernal, Cashew	Free from insect fragments	IS 3579 Amd. 1 : 1983	Absent/Present
787.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried	Free from rodent contamination	IS 3579 Amd. 1 : 1983	Absent/Present
788.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari	Free from odour and taste	IS 3579 Amd. 1 : 1983	Absent/Present
789.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Free from evidence of fermentation	IS 3579 Amd. 1 : 1983	Absent/Present
790.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernal, Cashew	Free from added colouring matter	IS 3579 Amd. 1 : 1983	Absent/Present
791.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried	Unopened shells	IS 3579 Amd. 1 : 1983	Absent/Present
792.	CHEMICAL/		Empty shells	IS 3579 Amd. 1 : 1983	Absent/Present



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 105 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari			
793.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Supari	Damaged/ Discoloured units	IS 3579 Amd. 1 : 1983	Absent/Present
794.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernel, Cashew Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari	Free from admixture of any other seeds	IS 3579 Amd. 1 : 1983	Absent/Present
795.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Supari	Free from broken beans	IS 3579 Amd. 1 : 1983	Absent/Present
796.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Supari	Free from fragments and pieces of shell	IS 3579 Amd. 1 : 1983	Absent/Present
797.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Supari	Moldy Beans	IS 3579 Amd. 1 : 1983	Absent/Present
798.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernel, Cashew Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried	Germinated and flat beans	IS 3579 Amd. 1 : 1983	Absent/Present
799.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Supari	Slaty beans	IS 3579 Amd. 1 : 1983	Absent/Present
800.	CHEMICAL/	Supari	Peroxide Value	IS 3579 Amd. 1 : 1983	2-30 millieq/kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 106 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari			
801.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Free fatty acid (expressed as oleic acid)	IS 3579 Amd. 1 : 1983	0.01 % to 5.0 %
802.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernel, Cashew Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari	Free from fissures	IS 3579 Amd. 1 : 1983	Absent/Present
803.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Free from shrinkage	IS 3579 Amd. 1 : 1983	Absent/Present
804.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Acidity of extracted fat as Oleic acid in case of dry fruit and nuts	IS 3579 Amd. 1 : 1983	0.01 % to 5.0 %
805.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernel, Cashew Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
806.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Broken fruits	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	0.01 % to 50 %
807.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Insect damaged and dirty fruits	IS 3579 Amd. 1 : 1983	0.1 % to 50 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 107 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
808.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nuts And Raisins (Groundnut Kernel, Almond Kernel, Cashew Kernel, Walnut kernels Raisons, Pistachio nuts, Dates, Dry Fruits & Nuts), Dried Apricots, Cocoa Beans, Arecanuts Or Betelnuts Or Supari	Mouldy fruit	IS 3579 Amd. 1 : 1983	0.1 % to 20 %
809.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Immature fruits	IS 3579 Amd. 1 : 1983	Absent/Present
810.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Germinated and flat beans	IS 3579 Amd. 1 : 1983	0.1 % to 10 %
811.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bean	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal Products -2016 method no.5	2.7 mg/Kg to 100 mg/Kg
812.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bean	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
813.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bean	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
814.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Extraneous matter.	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 Method no 17.0	0.05 % to 10 %
815.	CHEMICAL/	Seedless tamarind	Free from insect infestation	FSSAI Manual of Methods of Analysis of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	108 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Fruits & Vegetables Products -2016 Method no 17.0	
816.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Free from live insects	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
817.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Free from dead insects	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
818.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Free from mould growth	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
819.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Free from rodent	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
820.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Free from hair and excreta	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
821.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Free from impurities of animal origin	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
822.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Moisture content	IS 5955 Amd. 2 : 1996	0.1 % to 20 %
823.	CHEMICAL/	Seedless tamarind	Total Ash	IS 5955 Amd. 2 : 1996	0.1 % to 15 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	109 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
824.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Acid Insoluble ash	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016 method 5.3	0.01 % to 0.2 %
825.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Crude fibre	BIS 10226:1982	0.5 % to 50 %
826.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
827.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seedless tamarind	Tamarind seeds	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	Absent/Present
828.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vanilla	Moisture %	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 Method 17.2	0.1 % to 20 %
829.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vanilla	Total ash %	FSSAI Manual of Methods	0.1 % to 15 %
830.	CHEMICAL/	Vanilla	Acid Insoluble ash %	FSSAI Manual of Methods	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 110 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Fruits & Vegetables Products - 2016 Method 17.4	
831.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vanilla	Synthetic Colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
832.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vanilla	Free from extraneous matter	Analysis of Fruits & Vegetables Products - 2016 method no 17.0	Absent/Present
833.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vanilla	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg (Tin - 1 mg/kg- 500mg/kg)
834.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coconut Milk & Cream (Non-Dairy)	Moisture %	BIS 1165:2022	0.1 % to 20 %
835.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coconut Milk & Cream (Non-Dairy)	Total Solids %	BIS 1165:2022	0.2 % to 99.0 %
836.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coconut Milk & Cream (Non-Dairy)	Solids Not-Fat%	BIS 1165:2022	1 -50 %
837.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coconut Milk & Cream (Non-Dairy)	Fat %	BIS 1165:2022	0.1 % to 40 %
838.	CHEMICAL/	Coconut Milk &	pH	FSSAI Manual of	`1-13

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 111 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Cream (Non-Dairy)		Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 11.2	
839.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coconut Milk & Cream (Non-Dairy)	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.3	1% to 100%
840.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coconut Milk & Cream (Non-Dairy)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
841.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Moisture	FSSAI Manual of Methods of Analysis of Fruits &	0.1 % to 20 %
842.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste		Vegetables Products - 2016	
843.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Total ash	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 1.6	0.1 % to 15 %
844.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Acid insoluble ash	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products – 2016 Method no- 5.3	0.01 % to 0.2 %
845.	CHEMICAL/	Date Paste	Free from fermentation	FSSAI Manual of Methods of Analysis of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 112 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Fruits & Vegetables Products-2016	
846.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Free from mould	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
847.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Free from insects or insect fragments, eggs, larvae, dirt	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
848.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Free from foreign matter	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
849.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Date Paste	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
850.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Soybean Paste	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	0.1 % to 20 %
851.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Soybean Paste	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016 method no1.3	1% to 100%
852.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Soybean Paste	Total nitrogen	FSSAI Manual of Methods of Analysis of Fruits & Vegetables	1 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 113 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Products-2016 method no 14.9	
853.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Soybean Paste	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
854.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fermented Soybean Paste	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
855.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Total acidity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products -2016 method-14.5	0.01 % to 5.0 %
856.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Dry extract	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	0.01 % to 30 %
857.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	TSS	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016 method no12.1	1-99 %
858.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Added salt	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016 method no1.7	0.5 % to 10 %
859.	CHEMICAL/	Harrisa (Red Hot Pepper Paste)	Acid insoluble ash	FSSAI Manual of Methods of Analysis of Fruits & Vegetables	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 114 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Products-2016 method no11.4	
860.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Moisture	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	0.1 % to 20 %
861.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method 1.4	1% to 100%
862.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Free from bitterness or burned taste	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
863.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Free from any other foreign taste	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
864.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Free of foreign smells	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
865.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Free of crusts and seeds	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products-2016	Absent/Present
866.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 115 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
867.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Harrisa (Red Hot Pepper Paste)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
868.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Moisture content	PBTI/SOP/18:TP-11 Issue date-22.02.2011	0.1 % to 20 %
869.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Crude Protein (N 6.25)	PBTI/SOP/18:TP-11 Issue date-22.02.2011	0.1 % to 20 %
870.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Total Ash	PBTI/SOP/18:TP-11 Issue date-22.02.2011	0.1 % to 15 %
871.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Residual Fat	PBTI/SOP/18:TP-11 Issue date-22.02.2011	0.1 % to 10 %
872.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Crude Fibre	IS-10226:1982	0.5 % to 50 %
873.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Free from foreign matter	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	Absent/Present
874.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 116 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
875.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Vegetable Protein Products	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
876.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Quick Frozen Fried Potatoes	Moisture content	BIS 12569:1990	0.1 % to 20 %
877.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Quick Frozen Fried Potatoes	Free Fatty Acid content in the oil extracted	BIS 12569:1990	0.01 % to 5.0 %
878.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Quick Frozen Fried Potatoes	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
879.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Quick Frozen Fried Potatoes	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
880.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Quick Frozen Fried Potatoes	Frying defects	BIS 12569:1990	Absent/Present
881.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	TSS of Syrup	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-1.4	1-99 %
882.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	Drained Weight	FSSAI Manual of Methods of Analysis of Fruits &	25 % to 80 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 117 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Vegetables Products - 2016 method-1.4	
883.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	Salt	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-1.7	0.5 % to 30 %
884.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	°Brix	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-1.4	1 ° brix to 80 ° brix
885.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	Water capacity	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-1.3	1% to 100%
886.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
887.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Canned Chestnuts And Canned Chestnut Puree	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
888.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fungi Products	Water Content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-1.3	0.01 % to 80 %
889.	CHEMICAL/	Edible Fungi Products	Mineral impurities	FSSAI Manual of Methods	Absent/Present



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 118 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Fruits & Vegetables Products - 2016 method-2.10	
890.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fungi Products	Organic impurities of vegetable origin	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-2.10	0.1 % to 20 %
891.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fungi Products	Content of maggot damaged fungi	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	0.5 % to 50 %
892.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fungi Products	Salt (sodium chloride)		0.5 % to 10 %
893.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Fungi Products	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.01 mg/Kg to 5 mg/Kg
894.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food containing mushrooms	Agaric acid	PBTI/SOP/105/TP-69 Issue No. 01 date 16.07.2015	20- 100 mg/Kg
895.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Nougat, marzipan or its substitutes or similar products	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal Products -2016 method no.5	2.7 mg/Kg to 100 mg/Kg
896.	CHEMICAL/	Canned stone fruits	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal &	2.7 mg/Kg to 100 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 119 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Cereal Products -2016 method no.5	
897.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Stone fruit juices	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	2.7 mg/Kg to 100 mg/Kg
898.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soups and sauces	Saffrole	PBTI/SOP/64/TP-40 Issue No. 01 date 15.10.2013	1 mg/Kg to 15 mg/Kg
899.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable products & Nuts	Total Aflatoxin	PBTI/SOP/75:TP-48_HPLC_by Kobra cell Issue No. 01 date 01.05.2014	5 ug/Kg to 30 ug/Kg
900.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetable products & Nuts	Sulphur Dioxide	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 metho no- 2.5.3	10 mg/Kg to 200 mg/Kg
901.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ready To Eat	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
902.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Physical Parameters- Foreign Matter, Dead Insects, rodents. Moulds, mustiness, insect fragments	FSSAI Manual of Methods of Analysis of Beverages - 2015	0.1 % to 10 %
903.	CHEMICAL/	Bevarages, Tea, Kangra Tea, Green Tea,	Synthetic Color	FSSAI Manual of Methods of Analysis of Additives	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	120 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Instant Tea in Solid Form		Products-2016 Method No-4.1	
904.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Total ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.3	0.1 % to 15 %
905.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Water Soluble Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.4	0.1 % to 10 %
906.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Alkalinity of Water Soluble Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.6	0.1 % to 5.0 %
907.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.5	0.01 % to 0.2 %
908.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Water Extract	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.7	0.1 % to 10 %
909.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Crude Fibre	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-5.8	0.5 % to 50 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 121 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
910.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Iron Fillings	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-5.9	0.01 % to 10 %
911.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Catechin Content-In green Tea		1 % to 20 %
912.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Total Ash- hot soluble	Bis 2791:2022	0.1 % to 10 %
913.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Total ash- cold soluble	Bis 2791:2022	0.1 % to 10 %
914.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Total ash determined on	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.3	0.1 % to 15 %
915.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	tea dried to constant weight at 1000C	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.3	0.1 % to 15
916.	CHEMICAL/	Bevarages, Tea, Kangra Tea, Green Tea,	Total ash soluble in boiling distilled water	Bis 2791:2022	0.1 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 122 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Instant Tea in Solid Form			
917.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bevarages, Tea, Kangra Tea, Green Tea, Instant Tea in Solid Form	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
918.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Physical Parameters- Foreign Matter, Dead Insects, rodents	FSSAI Manual of Methods of Analysis of Beverages - 2016	0.1 % to 10 %
919.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Moisture	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.2	0.1 % to 20 %
920.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Total ash	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.3	0.1 % to 15 %
921.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Water Soluble Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.4	0.1 % to 10 %
922.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Alkalinity of Water Soluble Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.6	0.1 % to 5.0 %
923.	CHEMICAL/	Coffe, Roasted Coffee	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Additives	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 123 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Products-2016 Method No-1.5	
924.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Water Extract	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.7	0.1 % to 10 %
925.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Free from any artificial colouring	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
926.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Coffe, Roasted Coffee	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
927.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soluble Coffee	Physical Parameters- Foreign Matter, Dead Insects, rodents & chicory or any other added substances	FSSAI Manual of Methods of Analysis of Beverages - 2016	0.1 % to 10 %
928.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soluble Coffee	Moisture	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.2 clause-A	0.1 % to 20 %
929.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soluble Coffee	Total ash	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.3	0.1 % to 15 %
930.	CHEMICAL/	Soluble Coffee	Solubility In Boiling water	FSSAI Manual of Methods of Analysis of	Qualitative :1 Seconds to 30 Seconds

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 124 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Beverages – 2016 method-3.4	
931.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soluble Coffee	Solubility In cold water	BIS 2791:2022	Qualitative :1 Seconds to 30 Seconds
932.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Soluble Coffee	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
933.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Moisture	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.2	0.1 % to 20 %
934.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Total ash	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.3	0.1 % to 15 %
935.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Free from dirt	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.2	Absent/Present
936.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Free from extraneous matter	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-1.2	Absent/Present
937.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Free from artificial colouring	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	125 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
938.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.5	0.01 % to 0.2 %
939.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Solubility In Boiling water	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-3.4	Qualitative :1 Seconds to 30 Seconds
940.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Solubility In Boiling water	FSSAI Manual of Methods of Analysis of Beverages – 2016 method-3.4	Qualitative :1 Seconds to 30 Seconds
941.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Aqueous Extract	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-1.7	0.1 % to 50 %
942.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Chicory, Coffe-Chicory Mixture	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
943.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages	Color, taste, Extraneous matter	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016	Absent/Present
944.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages	Total Soluble Solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-15.1	1 -99 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 126 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
945.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Fruit Beverages	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
946.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Drink	Total Soluble Solids	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-15.1	1 -99 %
947.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Drink	Fruit Content	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-6.3	10 % to 50 %
948.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Drink	Solubility	FSSAI Manual of Methods of Analysis of Fruits & Vegetables Products - 2016 method-15.1	10 % to 99.5 %
949.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carbonated Drink	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
950.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Beverages Alcoholic	Alcoholic Content	FSSAI 13.001:2021	1 % to 5 %
951.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Beverages Alcoholic	Total Acid	FSSAI 13.007:2021 FSSAI 13.008:2021	0.01 % to 5.0 %
952.	CHEMICAL/	Beverages Alcoholic	Metals (Lead, Cadmium,	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 127 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS		Arsenic, Mercury, Copper, Tin)		
953.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Saffrole	PBTI/SOP/64/TP-40 Issue No. 01 date 15.10.2013	1 mg/Kg to 15 mg/Kg
954.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
955.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Caffeinated Beverages	Pantothenic Acid	PBTI /SOP/142:TP-101_LCMSMS Issue No. 01 date 06.10.2017	0.5 to 5.0 mg/100g
956.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Caffeinated Beverages	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin, Chromium, Nickel, Selenium, Antimony)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 50 mg/Kg
957.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Spices, Caraway, Cardamom, Chilli, Capsicum,	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
958.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dalchini, cassia, Cloves (Laung), Dhania, Fennel, methi	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
959.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Spices, Caraway, Cardamom, Chilli, Capsicum,	Free from mustiness	FSSAI 10.002:2021	Absent/Present
960.	CHEMICAL/	Dalchini, cassia,	Free from mould	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 128 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Cloves (Laung), Dhania, Fennel, methi			
961.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Free from dead insects	FSSAI 10.002:2021	Absent/Present
962.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Free from insect fragments	FSSAI 10.002:2021	Absent/Present
963.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present
964.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Free from added colouring matter	FSSAI 10.002:2021	Absent/Present
965.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Free from living insects	FSSAI 10.002:2021	Absent/Present
966.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Immature and shrivelled capsules	FSSAI 10.002:2021	0.01 % to 20 %
967.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejhatta	Empty and malformed capsules by count	FSSAI 10.002:2021	0.01 % to 20 %
968.	CHEMICAL/	Mace Whole, Saunf, Kalonji,	Light Seeds	FSSAI 10.002:2021	0.01 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 129 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Tejpatta			
969.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Unripe and marked fruits	FSSAI 10.002:2021	0.01 % to 20 %
970.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Broken fruits, seed & fragments	FSSAI 10.002:2021	0.01 % to 20 %
971.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Tendrils, Mother Cloves	FSSAI 10.002:2021	0.01 % to 20 %
972.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Khokar Cloves	FSSAI 10.002:2021	0.01 % to 20 %
973.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Headless cloves	FSSAI 10.002:2021	0.01 % to 20 %
974.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Insect damaged cloves	FSSAI 10.002:2021	0.01 % to 20 %
975.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Split fruits	FSSAI 10.002:2021	0.01 % to 20 %
976.	CHEMICAL/	Mace Whole, Saunf, Kalonji,	Damaged / Discoloured fruits	FSSAI 10.002:2021	0.01 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	130 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Tejpatta			
977.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Cold water soluble extract	FSSAI 10.009:2021	0.1 % to 90 %
978.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Edible seeds other than fenugreek	FSSAI 10.002:2021	0.01 % to 20 %
979.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
980.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
981.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Volatile oil content	FSSAI 10.013:2021	1 % to 20 %
982.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Insect damaged matter	FSSAI 10.002:2021	0.1 % to 50 %
983.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mace Whole, Saunf, Kalonji, Mixed Masala, Tejpatta	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
984.	CHEMICAL/	Mace Whole, Saunf, Kalonji,	Metals (Lead, Cadmium,	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 131 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Tejpatta	Arsenic, Mercury, Copper, Tin)		
985.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
986.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
987.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
988.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
989.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Crude fibre	FSSAI 10.014:2021	0.5 % to 50 %
990.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Non volatile Ether Extract	FSSAI 10.012:2021	1 % to 70%
991.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Free from dirt	FSSAI 10.002:2021	Absent/Present
992.	CHEMICAL/	Lal Mirch powder	Free from mould	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 132 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
993.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Free from living insects	FSSAI 10.002:2021	Absent/Present
994.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Free from dead insects	FSSAI 10.002:2021	Absent/Present
995.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Free from insect	FSSAI 10.002:2021	Absent/Present
996.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	fragments	FSSAI 10.002:2021	
997.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Free from rodent contamination	FSSAI 10.002:2021 FSSAI 10.002:2021	Absent/Present
998.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Free from extraneous colouring	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
999.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 133 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1000.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Lal Mirch powder	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1001.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cloves powder, Mace powder, curry powder, Dhania powder,	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1002.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Zeera powder, Kalonji powder, Fennel (Saunf) powder,	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
1003.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fenugreek (Methi) powder, Dried Ginger (Sonth, Dried	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
1004.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Adrak) Powder, Mustard (Rai, Sarson) powder, Nutmeg (Jaiphal)	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
1005.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	powder, Pepper Powder, Turmeric (Haldi) powder, Mixed Masala	Volatile oil content	FSSAI 10.013:2021	1 % to 20 %
1006.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Powder	Crude fibre	FSSAI 10.014:2021	0.5 % to 50 %
1007.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cloves powder, Mace powder, curry powder, Dhania powder,	Water soluble ash	FSSAI 10.008:2021	0.1 % to 80 %
1008.	CHEMICAL/	Zeera powder,	Alcohol soluble extract	FSSAI 10.010:2021	0.1 % to 50 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 134 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Kalonji powder, Fennel (Saunf) powder,			
1009.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fenugreek (Methi) powder, Dried Ginger (Sonth, Dried Adrak) Powder,	Free from mustiness	FSSAI 10.002:2021	Absent/Present
1010.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard (Rai, Sarson) powder, Nutmeg (Jaiphal) powder, Pepper Powder, Turmeric (Haldi) powder, Mixed Masala Powder	Free from mould	FSSAI 10.002:2021	Absent/Present
1011.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Free from living insects	FSSAI 10.002:2021	Absent/Present
1012.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cloves powder, Mace powder, curry powder, Dhania powder,	Free from dead insects	FSSAI 10.002:2021	Absent/Present
1013.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Zeera powder, Kalonji powder, Fennel (Saunf) powder,	Free from insect fragments	FSSAI 10.002:2021	Absent/Present
1014.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fenugreek (Methi) powder, Dried Ginger (Sonth, Dried Adrak) Powder,	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present
1015.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard (Rai, Sarson) powder, Nutmeg (Jaiphal) powder, Pepper	Free from extraneous colouring	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 135 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1016.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Powder, Turmeric (Haldi) powder, Mixed Masala Powder	Free from starch		Absent/Present
1017.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cloves powder, Mace powder, curry powder, Dhania powder,	Cold water soluble extract	FSSAI 10.009:2021	0.1 % to 90 %
1018.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Zeera powder, Kalonji powder, Fennel (Saunf) powder,	Colouring power expressed as curcuminoid content	FSSAI 10.030:2021	0.5 % to 20 %
1019.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fenugreek (Methi) powder, Dried Ginger (Sonth, Dried	Total starch	FSSAI 10.032:2021	0.5 % to 70 %
1020.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Adrak) Powder, Mustard (Rai, Sarson) powder, Nutmeg (Jaiphal)	Test for lead chromate	FSSAI 10.033:2021	Positive /Negative
1021.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	powder, Pepper Powder, Turmeric (Haldi) powder, Mixed Masala	Edible common salt	BIS 1797:2017	0.2 % to 10 %
1022.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Powder	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1023.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 136 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1024.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1025.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
1026.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
1027.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
1028.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Volatile oil content	FSSAI 10.013:2021	1 % to 20 %
1029.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Non volatile Ether Extract	FSSAI 10.012:2021	1 % to 70%
1030.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Insect damaged matter	FSSAI 10.002:2021	0.1 % to 50 %
1031.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Free from mustiness	FSSAI 10.002:2021	Absent/Present
1032.	CHEMICAL/	Cumin (Zeera)	Free from mould	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 137 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1033.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Free from living insects	FSSAI 10.002:2021	Absent/Present
1034.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Free from dead insects	FSSAI 10.002:2021	Absent/Present
1035.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Free from insect fragments	FSSAI 10.002:2021	Absent/Present
1036.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present
1037.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Free from extraneous colouring	FSSAI 10.002:2021	Absent/Present
1038.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Uric Acid	FSSAI Manual of Methods of Analysis of cereal and cereal products method no-3.0	10 mg/kg to 200 mg/kg
1039.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cumin (Zeera)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1040.	CHEMICAL/	Cumin (Zeera)	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell;	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 138 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Issue No. & Date 01/01 MAY: 2014	
1041.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1042.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
1043.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
1044.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Calcium as Calcium oxide on dry basis	AOAC (22nd Ed) 2015.01 FSSAI 10.011:2021	1 mg/100g to 500 mg/100g
1045.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Volatile oil content	FSSAI 10.013:2021	1 % to 20 %
1046.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Insect damaged matter	FSSAI 10.002:2021	0.1 % to 50 %
1047.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Water soluble ash on dry basis	FSSAI 10.008:2021	0.1 % to 20 %
1048.	CHEMICAL/	Ginger, Jaiphal	Acid insoluble ash on dry basis	FSSAI 10.007:2021	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 139 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1049.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Alcohol (90% v/w) soluble extract on dry basis	FSSAI 10.010:2021	0.01 % to 50 %
1050.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1051.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Free from musty odour or rancid	FSSAI 10.002:2021	Absent/Present
1052.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Free from mould	FSSAI 10.002:2021	Absent/Present
1053.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Free from living insects	FSSAI 10.002:2021	Absent/Present
1054.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Free from dead insects	FSSAI 10.002:2021	Absent/Present
1055.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Free from added colour		Absent/Present
1056.	CHEMICAL/	Ginger, Jaiphal	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 140 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1057.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Free from insect fragments	FSSAI 10.002:2021	Absent/Present
1058.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ginger, Jaiphal	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1059.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1060.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
1061.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
1062.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
1063.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Volatile oil content	FSSAI 10.013:2021	1 % to 20 %
1064.	CHEMICAL/	Mustard	Non volatile Ether Extract	FSSAI 10.012:2021	1 % to 70%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 141 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1065.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Insect damaged matter	FSSAI 10.002:2021	0.1 % to 50 %
1066.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Allyl iso thiocyanate (m/m) on dry basis	FSSAI 10.016:2021	0.05 to 1.0 %
1067.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Free from mould	FSSAI 10.002:2021	Absent/Present
1068.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Free from living insects	FSSAI 10.002:2021	Absent/Present
1069.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Free from dead insects	FSSAI 10.002:2021	Absent/Present
1070.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Free from added colour	FSSAI 10.002:2021	Absent/Present
1071.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present
1072.	CHEMICAL/	Mustard	Free from insect fragments	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 142 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1073.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Free from the seeds of Argemone Maxicana L	FSSAI 10.002:2021	Absent/Present
1074.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Damaged or Shrivelled seeds	FSSAI 10.002:2021	0.01 % to 20 %
1075.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Argemone seeds	FSSAI 10.002:2021	Absent/Present
1076.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1077.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mustard	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1078.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1079.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
1080.	CHEMICAL/	Pepper	Free from foreign odour	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 143 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1081.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Free from added colour		Absent/Present
1082.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Light berries	FSSAI 10.002:2021	Absent/Present
1083.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Extraneous Vegetable matter	FSSAI 10.002:2021	Absent/Present
1084.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Foreign matter	FSSAI 10.002:2021	Absent/Present
1085.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Black berries/corns	FSSAI 10.002:2021	Absent/Present
1086.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Broken berries	FSSAI 10.002:2021	Absent/Present
1087.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Mouldy Berries	FSSAI 10.002:2021	Absent/Present
1088.	CHEMICAL/	Pepper	Insect defiled berries /Corns	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 144 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1089.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Mammalian or/and other excreta	FSSAI 10.002:2021	Absent/Present
1090.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Pinheads for black pepper	FSSAI 10.002:2021	0.01% to 20%
1091.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
1092.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
1093.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Volatile oil content	FSSAI 10.013:2021	1 % to 20 %
1094.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Non volatile Ether Extract	FSSAI 10.012:2021	1 % to 70%
1095.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Bulk Density	FSSAI 10.018:2021	50g/L to 1000g/L
1096.	CHEMICAL/	Pepper	Insect damaged matter	FSSAI 10.002:2021	0.1 % to 50 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 145 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1097.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Crude fibre	FSSAI 10.014:2021	0.5 % to 50 %
1098.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	peperine content	FSSAI 10.021:2021	5 % to 80%
1099.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1100.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pepper	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01	8 µg/kg to 100 µg/kg
1101.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1102.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from mustiness	FSSAI 10.002:2021	Absent/Present
1103.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from rancidity	FSSAI 10.002:2021	Absent/Present
1104.	CHEMICAL/	Poppy	Free from mould	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 146 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1105.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from living insects	FSSAI 10.002:2021	Absent/Present
1106.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from dead insects	FSSAI 10.002:2021	Absent/Present
1107.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from insect fragments	FSSAI 10.002:2021	Absent/Present
1108.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present
1109.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Free from added colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
1110.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Moisture	FSSAI 10.003:2021 FSSAI 10.005:2021	0.1 % to 20 %
1111.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Non volatile Ether Extract	FSSAI 10.012:2021	1 % to 70%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 147 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1112.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1113.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Poppy	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1114.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Extraneous matter	FSSAI 10.002:2021	0.05 % to 10 %
1115.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from mustiness	FSSAI 10.002:2021	Absent/Present
1116.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from mould	FSSAI 10.002:2021	Absent/Present
1117.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from living insects	FSSAI 10.002:2021	Absent/Present
1118.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from dead insects	FSSAI 10.002:2021	Absent/Present
1119.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from insect fragments	FSSAI 10.002:2021	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 148 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1120.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from rodent contamination	FSSAI 10.002:2021	Absent/Present
1121.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Free from added colours	FSSAI Manual of Methods of Analysis of Additives Products-2016 Method No-4.1	Absent/Present
1122.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Moisture and volatile matter at 103 ± °C	FSSAI Manual of Methods of Analysis of Spices & Condiments	0.1 % to 20 %
1123.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Total Ash	FSSAI 10.006:2021	0.1 % to 15 %
1124.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Acid insoluble in dil HCL	FSSAI 10.007:2021	0.01 % to 0.2 %
1125.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Solubility in cold water on dry weight Basis	FSSAI 10.007:2021	Qualitative :0.5 minutes to3.0 minutes
1126.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Safranal expressed as direct reading of absorbance	FSSAI 10.007:2021	Absent/Present
1127.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Total Nitrogen on dry basis	FSSAI 10.007:2021	1 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 149 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1128.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Crude Fibre on dry basis		0.5 % to 50 %
1129.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1130.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Saffron (Kesar)/ Saffron (Kesar) powder	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1131.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.05 % to 10 %
1132.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Free from mustiness	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1133.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Free from mould	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1134.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Free from living insects	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1135.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Free from dead insects	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1136.	CHEMICAL/	Turmeric (Haldi)	Free from insect	FSSAI Manual of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 150 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS		fragments	Methods of Analysis of Spices & Condiments- 2016	
1137.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Free from rodent contamination	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1138.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Free from added colours	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1139.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Defective Rhizomes	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 50 %
1140.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 20 %
1141.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Insect damaged matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 50 %
1142.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Test for lead chromate	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Positive /Negative
1143.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Turmeric (Haldi)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1144.	CHEMICAL/	Turmeric (Haldi)	Total Aflatoxin	PBTI/SOP/75/TP-	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 151 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	
1145.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.1 % to 20 %
1146.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Free from mustiness	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1147.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Free from mould	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1148.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Free from living insects	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1149.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Free from dead insects	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1150.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Free from insect fragments	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1151.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Free from rodent contamination	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1152.	CHEMICAL/	Ajowan	Free from extraneous colouring	FSSAI Manual of Methods of Analysis of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 152 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Spices & Condiments-2016	
1153.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.05 % to 10 %
1154.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Shrivelled / Damaged / insect damaged / broken fruit	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.1 - 20 %
1155.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Volatile oil content on dry basis	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	1 % to 20 %
1156.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1157.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ajowan	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1158.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.1 % to 20 %
1159.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Free from fungus	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1160.	CHEMICAL/	Dried Mango Powder	Free from moulds	FSSAI Manual of Methods of Analysis of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 153 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	(Amchur) & Slices		Spices & Condiments-2016	
1161.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Free from insect infestation	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1162.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Free from rodent contamination	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1163.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Free from added colouring	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	Absent/Present
1164.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Edible common salt	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.2 % to 10 %
1165.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.05 % to 10 %
1166.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Total Ash	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.1 % to 15 %
1167.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Acid insoluble in dil HCL	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.01 % to 0.2 %
1168.	CHEMICAL/	Dried Mango Powder	Crude Fibre on dry basis	FSSAI Manual of Methods of Analysis of	0.5 % to 50 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 154 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	(Amchur) & Slices		Spices & Condiments-2016	
1169.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Acidity as anhydrous tartaric acid	FSSAI Manual of Methods of Analysis of Spices & Condiments-2016	0.01 % to 5.0 %
1170.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1171.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Mango Powder (Amchur) & Slices	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1172.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.05 % to 10 %
1173.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1174.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from off odour	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1175.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from mustiness	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1176.	CHEMICAL/	Garlic (Lahsun), Dehydrated onion	Free from fermentation	FSSAI Manual of Methods of Analysis of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 155 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Spices & Condiments- 2016	
1177.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from rancidity	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1178.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from mould	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1179.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from living insects	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1180.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from dead insects	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1181.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from insect fragments	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1182.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from rodent contamination	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1183.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from any other harmful substances	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1184.	CHEMICAL/	Garlic (Lahsun), Dehydrated onion	Free from added colouring matter	FSSAI Manual of Methods of Analysis of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 156 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Spices & Condiments- 2016	
1185.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from fungal infection	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1186.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from stalks, peels, stems	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1187.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Free from extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1188.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 20 %
1189.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Total Ash	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 15 %
1190.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Acid insoluble in dil HCL	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.01 % to 0.2 %
1191.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Cold water soluble extract on dry basis	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 90 %
1192.	CHEMICAL/	Garlic (Lahsun), Dehydrated onion	Peroxidase test	FSSAI Manual of Methods of Analysis of	Negative/Positive

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 157 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Spices & Condiments- 2016	
1193.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1194.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Garlic (Lahsun), Dehydrated onion	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1195.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Asafoetida	Total Ash	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 15 %
1196.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Asafoetida	Acid insoluble in dil HCL	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.01 % to 0.2 %
1197.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Asafoetida	Starch	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	10 -99 %
1198.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Asafoetida	The alcoholic extract (with 90 per cent alcohol	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 50.0 %
1199.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Asafoetida	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 158 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1200.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Asafoetida	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1201.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.05 % to 10 %
1202.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 20 %
1203.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Free from contamination with clay,	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1204.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Free from grit	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1205.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Free from impurities	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1206.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Sodium chloride content	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.5 -100%
1207.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	insoluble matter in water	IS 7224:2006	0.01 % to 5.0 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 159 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1208.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Matter insoluble in dilute HCl	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.01 % to 10 %
1209.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Matter soluble in water other than Nacl	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.01 % to 10 %
1210.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Iron content (as Fe)	IS 7224:2006	25 mg/Kg to 1500 mg/kg
1211.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Iodine content	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	1 mg/kg to 50 mg/Kg
1212.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Edible Common Salt/Iodized Salt	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1213.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Free from impurities	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1214.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Potassium Iodate	AOAC (22nd Ed) 2015.01	1 mg/kg to 50 mg/Kg
1215.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Solubility	AOAC (22nd Ed) 2015.01	0.1%-100%



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 160 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1216.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Iodine	AOAC (22nd Ed) 2015.01	1 mg/kg to 50
1217.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Sulphate	AOAC (22nd Ed) 2015.01	0.2 % to 2 %
1218.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Matter insoluble in water	AOAC (22nd Ed) 2015.01	0.01 % to 5 %
1219.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Loss on drying	AOAC (22nd Ed) 2015.01	0.01 % to 5 %
1220.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Potassium iodate	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1221.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seasoning	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 20 %
1222.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seasoning	Acid insoluble in dil HCL	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.01 % to 0.2 %
1223.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seasoning	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 161 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1224.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Seasoning	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1225.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Extraneous matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.05 % to 10 %
1226.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Free from mustiness	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1227.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Free from mould	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1228.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Free from living insects	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1229.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Free from dead insects	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1230.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Free from insect fragments	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1231.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Free from rodent contamination	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1232.	CHEMICAL/	Celery	Free from extraneous	FSSAI Manual of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 162 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS		colouring	Methods of Analysis of Spices & Condiments- 2016	
1233.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Moisture	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 20 %
1234.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Insect damaged matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 50 %
1235.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Added Colour	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1236.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Total Aflatoxin	PBT/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1237.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Celery	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1238.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Curry powder	Added Colour	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	Absent/Present
1239.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Curry powder	Insect damaged matter	FSSAI Manual of Methods of Analysis of Spices & Condiments- 2016	0.1 % to 50 %
1240.	CHEMICAL/	Mixed Masala, Curry powder	Extraneous matter	FSSAI Manual of Methods of Analysis of	0.05 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 163 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Spices & Condiments-2016	
1241.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Curry powder	Total Aflatoxin	PBTI/SOP/75/TP-48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	8 µg/kg to 100 µg/kg
1242.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Mixed Masala, Curry powder	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1243.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Cereal Products, Atta, Maida, Semolina, Protein rich	Physical examination for moulds, living and dead insects, insect fragments and rodent contamination	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1244.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	wheat flour, Fortified atta, Durum wheat maida, Barley	Musty odour and rancidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1245.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	powder, Bajra Flour, Jowar Flour, Soy protein products,	Test for added Natural colours	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1246.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Textured Soy Protein (Soy Bari or Soy Chunks or Soy Granules or Tofu), Couscous,	Test for synthetic colors	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1247.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Wheat bran, Roasted Bengal Gram Flour	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	164 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1248.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	(Chana Sattu), Ragi flour, Multigrain flour, Mixed millet flour	Total ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1249.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Cereal Products, Atta, Maida, Semolina,	Ash insoluble in dilute HCl	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1250.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Protein rich wheat flour, Fortified atta, Durum wheat	Alcoholic acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.02 % to 5 %
1251.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	maida, Barley powder, Bajra Flour, Jowar Flour, Soy protein products,	Gluten	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 40 %
1252.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Textured Soy Protein (Soy Bari or Soy Chunks or Soy Granules or Tofu), Couscous, Wheat bran, Roasted Bengal Gram Flour (Chana Sattu), Ragi flour, Multigrain flour, Mixed millet flour	Total Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 40 %
1253.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Total Dietary Fibre	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 50 %
1254.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Uric acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/kg to 200 mg/kg
1255.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Free from filth (impurities of animal origins, including dead insects)	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	165 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1256.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Cereal Products, Atta, Maida, Semolina,	Particle size	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 100 %
1257.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Protein rich wheat flour, Fortified atta, Durum wheat	Free from odours	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1258.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	maida, Barley powder, Bajra Flour, Jowar Flour, Soy protein products,	Acid value	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 5 %
1259.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Textured Soy Protein (Soy Bari or Soy Chunks or Soy Granules or Tofu), Couscous, Wheat bran, Roasted Bengal Gram Flour (Chana Sattu), Ragi flour, Multigrain flour, Mixed millet flour	Benzoyl peroxide	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/Kg to 100 mg/Kg
1260.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		L-Ascorbic acid	IS 5838	1 mg/100g to 100 mg/100g
1261.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Calcium carbonate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 2.0 %
1262.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Sulphur Dioxide		10 mg/kg to 200 mg/Kg
1263.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Cereal Products, Atta, Maida, Semolina,	Potassium iodate		1 mg/kg to 50 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 166 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1264.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Protein rich wheat flour, Fortified atta, Durum wheat maida, Barley powder, Bajra Flour, Jowar Flour, Soy protein products, Textured Soy Protein (Soy Bari or Soy Chunks or Soy Granules or Tofu), Couscous, Wheat bran, Roasted Bengal Gram Flour (Chana Sattu), Ragi flour, Multigrain flour, Mixed millet flour	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1265.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1266.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1267.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1268.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1269.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1270.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1271.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Physical examination for moulds, living and dead insects, insect fragments and rodent contamination	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 167 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1272.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Test for added Natural colours	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1273.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Test for synthetic colors	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1274.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Total ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1275.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Ash insoluble in dilute HCl	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1276.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Free from filth (impurities of animal origins, including dead insects)	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1277.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1278.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Alcoholic acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.02 % to 5 %
1279.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 40 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 168 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1280.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Uric acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/kg to 200 mg/kg
1281.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Benzoyl peroxide	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/Kg to 100 mg/Kg
1282.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	L-Ascorbic acid	IS 5838	1 mg/100g to 100 mg/100g
1283.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Calcium carbonate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 2.0 %
1284.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Potassium iodate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 mg/kg to 50 mg/Kg
1285.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1286.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1287.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 169 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1288.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1289.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1290.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1291.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Besan	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1292.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1293.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Total ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1294.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Ash insoluble in dilute HCl	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1295.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Alcoholic acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.02 % to 5 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 170 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1296.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Benzoyl peroxide	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/Kg to 100 mg/Kg
1297.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	L-Ascorbic acid	IS 5838	1 mg/100g to 100 mg/100g
1298.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Calcium carbonate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 2.0 %
1299.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Potassium iodate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 mg/kg to 50 mg/Kg
1300.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1301.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1302.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1303.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 171 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1304.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1305.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1306.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1307.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Physical examination for moulds, living and dead insects, insect fragments and rodent contamination	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1308.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Musty odour and rancidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1309.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1310.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Total ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1311.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Protein (N×5.7)	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 40 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for
Testing and Calibration Laboratories
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	172 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1312.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Fat	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 40 %
1313.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Crude Fibre	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.5 % to 50 %
1314.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Benzoyl peroxide	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/Kg to 100 mg/Kg
1315.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	L-Ascorbic acid	IS 5838	1 mg/100g to 100 mg/100g
1316.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Calcium carbonate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 2.0 %
1317.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Potassium iodate	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 mg/kg to 50 mg/Kg
1318.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1319.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 173 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1320.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1321.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1322.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1323.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1324.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flour	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1325.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food Grains (Wheat, Maize, Jawar, Bajra, Rice, Masur	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1326.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whole,Urd, Whole, Moong, Whole, Chana, Whole, Split Dal,	(extraneous Matter)	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.05 % to 10 %
1327.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Arhar, Split Dal Moong, Split Dal Urd, Dal Chana,	Total of foreign matter, other edible grains and damaged grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 10 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 174 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1328.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Split Dal Masur, Durum wheat, Finger millet		FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	
1329.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food Grains (Wheat, Maize, Jawar, Bajra, Rice, Masur	Immature and Shrivelled grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1330.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Whole,Urd, Whole, Moong, Whole, Chana, Whole, Split Dal,	Shrunken and broken kernels	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1331.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Arhar, Split Dal Moong, Split Dal Urd, Dal Chana, Split Dal Masur, Durum wheat, Finger millet	Chalky Kernels	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1332.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Other edible Grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1333.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Damaged Grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 50 %
1334.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Weevilled Grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 80 %
1335.	CHEMICAL/	Brown rice	Uric Acid	FSSAI Manual of Methods of Analysis of	10 mg/Kg to 200 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	175 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Cereal & Cereal products -2016	
1336.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1337.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1338.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1339.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1340.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1341.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1342.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Brown rice	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1343.	CHEMICAL/	Oats, Rolled oats	Moisture	FSSAI Manual of Methods	0.1 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	176 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Cereal & Cereal products -2016	
1344.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Foreign matter (extraneous Matter)	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.05 % to 10 %
1345.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Other edible Grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1346.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Damaged Grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 50 %
1347.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Weevilled Grains	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 80 %
1348.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Free from visible mold	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1349.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Uric Acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10 mg/Kg to 200 mg/Kg
1350.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Minimum Test Weight	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1351.	CHEMICAL/	Oats, Rolled oats	Hull less and Broken Kernels	FSSAI Manual of Methods	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 177 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Cereal & Cereal products -2016	
1352.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Ergot	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1353.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Total Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1354.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1355.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Nitogen	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.5 % to 20 %
1356.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Crude Fibre	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.5 % to 50 %
1357.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Alcoholic Acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	
1358.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Free from added colours	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	
1359.	CHEMICAL/	Oats, Rolled oats	Free from rancidity	FSSAI Manual of Methods	

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 178 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Cereal & Cereal products -2016	
1360.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Free from flavoring Agents	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	
1361.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1362.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1363.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1364.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1365.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1366.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Oats, Rolled oats	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1367.	CHEMICAL/	Oats, Rolled oats	Mercury	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 5 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 179 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1368.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Total ash excluding salt	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1369.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1370.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Alcoholic Acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.02 % to 5 %
1371.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Free from dirt	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1372.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Free from impurities	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1373.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Free from any other extraneous matter	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1374.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1375.	CHEMICAL/	Corn Flakes	Free from insects	FSSAI Manual of Methods	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 180 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Cereal & Cereal products -2016	
1376.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Free from larvae	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1377.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Lead	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	AOAC (22nd Ed) 2015.01
1378.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Copper	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	AOAC (22nd Ed) 2015.01
1379.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Arsenic	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	AOAC (22nd Ed) 2015.01
1380.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Tin	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	AOAC (22nd Ed) 2015.01
1381.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Cadmium	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	AOAC (22nd Ed) 2015.01
1382.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Corn Flakes	Mercury	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	AOAC (22nd Ed) 2015.01
1383.	CHEMICAL/	Corn Flakes	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 181 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1384.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1385.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Total ash excluding salt	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1386.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1387.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Foreign matter (extraneous Matter)	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.05 % to 10 %
1388.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Physical examination for moulds, living and dead insects, insect fragments and rodent contamination	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1389.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Musty odour and rancidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1390.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 182 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1391.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1392.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1393.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1394.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1395.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1396.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Custard powder	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1397.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1398.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 183 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1399.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Free from dirt	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1400.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Free from insect's larvae	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1401.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Free from impurities	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1402.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Free from any other extraneous matter	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1403.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Acid value	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 5 %
1404.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1405.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1406.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 184 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1407.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1408.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1409.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1410.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Instant noodle Fried noodles/ Macroni Products/ Pasta	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1411.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1412.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Fat	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 40 %
1413.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1414.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Solubility	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 - 99 %
1415.	CHEMICAL/	Malted and	Test of Starch	FSSAI Manual of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 185 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Malted based food MaltedMilk Food		Methods of Analysis of Cereal & Cereal products -2016	
1416.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Total Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1417.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Total Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 20 %
1418.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food MaltedMilk Food	Cocoa powder	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.2 % to 99 %
1419.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Alcoholic Acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01% to 5 %
1420.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	No added colour	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1421.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Free from insect fragments	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1422.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Free from rat excreta	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1423.	CHEMICAL/	Malted and Malted	Free from fungal infested grains or any	FSSAI Manual of Methods	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 186 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	based food Malted Milk Food	other type of insect or fungal damage	of Analysis of Cereal & Cereal products -2016	
1424.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1425.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1426.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1427.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1428.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1429.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1430.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Malted and Malted based food Malted Milk Food	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1431.	CHEMICAL/	Solvent Extracted Flours (Soya,	Foreign matter (extraneous Matter)	FSSAI Manual of Methods of Analysis of	0.05 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 187 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Groundnut, Sesame, Coconut, cottonseed Flour)		Cereal & Cereal products -2016	
1432.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Physical examination for moulds, living and dead insects, insect fragments and rodent contamination	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1433.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Musty odour and rancidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1434.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1435.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Total Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1436.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1437.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Crude Fibre	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.5 % to 50 %
1438.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour)	Fat	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 40 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 188 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1439.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sesame, Coconut, cottonseed Flour	Total Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 20 %
1440.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour	Hexane	IS 4277:2014_GC-FID	2 mg/Kg to 20 mg/Kg
1441.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sesame, Coconut, cottonseed Flour	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1442.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1443.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sesame, Coconut, cottonseed Flour	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1444.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut, Sesame, Coconut, cottonseed Flour	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1445.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sesame, Coconut, cottonseed Flour	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1446.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Solvent Extracted Flours (Soya, Groundnut,	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 189 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1447.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sesame, Coconut, cottonseed	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1448.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Total Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1449.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1450.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Physical examination for moulds, living and dead insects, insect fragments and rodent contamination	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1451.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 24%
1452.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Starch	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 100%
1453.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15%
1454.	CHEMICAL/	Starchy Foods (Tapioca Sago)	Crude fibre	FSSAI Manual of Methods of Analysis of	0.5% to 50%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 190 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Cereal & Cereal products -2016	
1455.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	pH of aqueous extract	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 14%
1456.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Sulphur Dioxide content	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	50 mg/kg to 200 mg/kg
1457.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Colouring matter	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1458.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	2.7 mg/Kg to 100 mg/Kg
1459.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1460.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1461.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1462.	CHEMICAL/	Starchy Foods (Tapioca Sago)	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 191 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS				
1463.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1464.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1465.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Starchy Foods (Tapioca Sago)	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1466.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1467.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Acidity of Extracted Fat	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 5.0 %
1468.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Alcoholic Acidity	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.02 % to 5 %
1469.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 10 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 192 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1470.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 10 %
1471.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Physical Parameters- Foreign Matter, Dead Insects & insect matter, rodents	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1472.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1473.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1474.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1475.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1476.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1477.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 193 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1478.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bakery Foods (Biscuit/ Bread/Rusk)	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1479.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Moisture	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 20 %
1480.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Total Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 15 %
1481.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.01 % to 0.2 %
1482.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Crude Fibre	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.5 % to 50 %
1483.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Fat	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 % to 40 %
1484.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Total Protein	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	1 % to 20 %
1485.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Acid value of extracted Fat	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	0.1 - 30

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 194 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1486.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Free from insect or fungal infestation	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1487.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Free from objectionable odour	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1488.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	No added colour	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1489.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	No added extraneous matter	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Absent/Present
1490.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1491.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1492.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1493.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 195 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1494.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1495.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1496.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Expeller pressed Flour	Aflatoxin	AOAC (22nd Ed) 990.33	5ug/Kg to 100ug/Kg
1497.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, rice	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
1498.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, rice	Thiamin	PBTI /SOP/82:TP-51_HPLC Issue No. 01 date 28.07.2015	0.05 to 3.0 mg/100g
1499.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Atta, Maida, rice	Riboflavin	PBTI /SOP/80:TP-49_HPLC Issue No. 01 date 09.02.2015	0.05 to 3.0 mg/100g
1500.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Zinc	AOAC (22nd Ed) 2015.06	1-100 mg/Kg
1501.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Iron	AOAC (22nd Ed) 2015.06	1-500 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 196 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1502.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Free from odours	AOAC (22nd Ed) 2015.06	Absent/Present
1503.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Free from living insects	AOAC (22nd Ed) 2015.06	Absent/Present
1504.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Free from visible mould	AOAC (22nd Ed) 2015.06	Absent/Present
1505.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Free from filth (impurities of animal origins, including dead insects)	AOAC (22nd Ed) 2015.06	Absent/Present
1506.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Moisture	AOAC (22nd Ed) 2015.06	0.1 % to 20 %
1507.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Acid Insoluble Ash	AOAC (22nd Ed) 2015.06	0.02 % to 5 %
1508.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Gluten	AOAC (22nd Ed) 2015.06	0.01 % to 40 %
1509.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Protein	AOAC (22nd Ed) 2015.06	1 % to 40 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 197 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1510.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Total Dietary Fiber	AOAC (22nd Ed) 2015.06	1 % to 40 %
1511.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Alcoholic acidity	AOAC (22nd Ed) 2015.06	0.02 % to 5 %
1512.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Particle size	AOAC (22nd Ed) 2015.06	1 % to 100 %
1513.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Atta, Maida	Uric acid	AOAC (22nd Ed) 2015.06	10 mg/kg to 200 mg/kg
1514.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Products	Added Colour	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	Present/Absent
1515.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cereals & Products	Sulphur dioxide	FSSAI Manual of Methods of Analysis of Cereal & Cereal products -2016	10-200 mg/Kg
1516.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Folic acid (Vitamin B9)	FSSAI Manual of Methods of Analysis of fortification in food products -2019	0.05 – 0.8 mg/kg
1517.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B12	AOAC (22nd Ed) 2014.02	



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 198 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1518.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Iron	AOAC (22nd Ed) 2015.06	1-500 mg/Kg
1519.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Zinc	AOAC (22nd Ed) 2015.06	1-100 mg/Kg
1520.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin A	FSSAI Manual of Methods of Analysis of fortification in food products -2019	2 -80 mg/kg
1521.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B1 (Thiamine)	FSSAI Manual of Methods of Analysis of fortification in food products -2019	0.05 -3mg/100gm
1522.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B2 (Riboflavin)	FSSAI Manual of Methods of Analysis of fortification in food products -2019	0.05 -3mg/100gm
1523.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B3 (Niacin)	FSSAI Manual of Methods of Analysis of fortification in food products -2019	0.5 – 20 mg/100gm
1524.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B6 (Pyridoxine)	FSSAI Manual of Methods of Analysis of fortification in food products -2019	0.1-3 mg/100gm
1525.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B9 (Folic Acid)	FSSAI.FR.16.002: 2022	0.05 mg/kg to 0.08 mg/kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 199 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1526.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Vitamin B12	FSSAI.FR.16.003: 2022	0.08 µg/100g to 0.16 µg/100g
1527.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Rice	Iron	FSSAI.FR.16.001: 2022	1 mg/kg to 500 mg/kg
1528.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Iron	AOAC (22nd Ed) 2015.06	10-2500 mg/Kg
1529.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Free from contamination with clay	AOAC (22nd Ed) 2015.06	Absent/Present
1530.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Free from other extraneous adulterants	AOAC (22nd Ed) 2015.06	Absent/Present
1531.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Free from impurities	AOAC (22nd Ed) 2015.06	Absent/Present
1532.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Sodium chloride content	AOAC (22nd Ed) 2015.06	1 % to 99.8 %
1533.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Moisture	AOAC (22nd Ed) 2015.06	0.1 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 200 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1534.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Water insoluble matter	AOAC (22nd Ed) 2015.06	0.01 % to 5 %
1535.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Matter insoluble in dilute HCl	AOAC (22nd Ed) 2015.06	0.05 % to 5 %
1536.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Matter soluble in water other than NaCl	AOAC (22nd Ed) 2015.06	0.01 % to 10 %
1537.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Phosphorous as P ₂ O ₅	AOAC (22nd Ed) 2015.06	500 mg/kg to 5000 mg/kg
1538.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Sulphate as (SO ₄)	AOAC (22nd Ed) 2015.06	0.2 % to 2 %
1539.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Magnesium as (Mg) water soluble	AOAC (22nd Ed) 2015.06	0.01 % to 1 %
1540.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1541.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 201 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1542.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1543.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 500 mg/Kg
1544.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Cadmium	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1545.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Fortified Salt	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1546.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Total Fat	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	0.1 % to 50 %
1547.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Moisture	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	1 % to 90 %
1548.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Protein	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	0.2 % to 90 %
1549.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Ascorbic Acid	IS 5838	1 mg/100g to 100 mg/100g



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 202 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1550.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Added/Synthetic colour	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	Absent/Present
1551.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Foreign Matter	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	0.05 % to 10 %
1552.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Objectionable Odour	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	Absent/Present
1553.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Lead	AOAC (22nd Ed) 2015.01	0.05 mg/Kg to 5 mg/Kg
1554.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Copper	AOAC (22nd Ed) 2015.01	1 mg/Kg to 5 mg/Kg
1555.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Arsenic	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 5 mg/Kg
1556.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 50 mg/Kg
1557.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Cadmium	AOAC (22nd Ed) 2015.01	0.2 mg/Kg to 5 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 203 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1558.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Meat & meat products	Mercury	AOAC (22nd Ed) 2015.01	0.1mg/Kg to 5 mg/Kg
1559.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Protein	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	0.2 % to 90 %
1560.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Ash	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	0.5 % to 15 %
1561.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Carbohydrates	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	0.5 % to 100 %
1562.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Fats	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	1 % to 20 %
1563.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Lead	FSSAI Manual of Methods of Analysis of Meat & Fish- 2016	AOAC (22nd Ed) 2015.01
1564.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Copper	AOAC (22nd Ed) 2015.01	1 mg/Kg to 5 mg/Kg
1565.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Arsenic	AOAC (22nd Ed) 2015.01	AOAC (22nd Ed) 2015.01



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 204 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1566.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Tin	AOAC (22nd Ed) 2015.01	AOAC (22nd Ed) 2015.01
1567.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Cadmium	AOAC (22nd Ed) 2015.01	AOAC (22nd Ed) 2015.01
1568.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Egg & Egg Products, Fresh egg – Chicken	Mercury	AOAC (22nd Ed) 2015.01	AOAC (22nd Ed) 2015.01
1569.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweets & Confectionary, Sweets & Confectionary	Ash Sulphated	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1570.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	(Sugar Boiled Confectionary, Lozenges, Chewingand	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 0.2 %
1571.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bubble Gum, Milk Toffee, Butter Toffee, Chocolates,	Total Protein	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 20 %
1572.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Lollies or Ediblelces)	Fat	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 40 %
1573.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweets & Confectionary, Sweets & Confectionary	Sucrose Content	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 100 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 205 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1574.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	(Sugar Boiled Confectionary, Lozenges, Chewingand	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1575.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bubble Gum, Milk Toffee, Butter Toffee, Chocolates,	Reducing Sugar	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 90 %
1576.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Lollies or Ediblelces	Milk Fat	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1577.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweets & Confectionary, Sweets & Confectionary	Cocoa Solid	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.2 % to 99 %
1578.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	(Sugar Boiled Confectionary, Lozenges, Chewingand	Milk Solid	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1579.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bubble Gum, Milk Toffee, Butter Toffee, Chocolates,	Gum	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	5 % to 50 %
1580.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Ice Lollies or Ediblelces)	Free from dirt	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1581.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweets & Confectionary, Sweets & Confectionary	Free from filth	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1582.	CHEMICAL/	(Sugar Boiled	Total Aflatoxin	PBT/SOP/75/TP-	8 µg/kg to 100 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 206 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Confectionary, Lozenges, Chewingand		48_HPLC Kobra Cell; Issue No. & Date 01/01 MAY: 2014	
1583.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bubble Gum, Milk Toffee, Butter Toffee, Chocolates, Ice Lollies or Ediblelces)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1584.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura,	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1585.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cube, Icing, Misri, Cane jaggery or cane gur)	Sucrose	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 100 %
1586.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura,	Added Colour	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1587.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cube, Icing, Misri, Cane jaggery or cane gur)	Extraneous Matter	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.05 % to 10 %
1588.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura,	Acid Insoluble Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 0.2 %
1589.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Cube, Icing, Misri, Cane jaggery or cane gur)	Total Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 15 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 207 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1590.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura, Cube, Icing, Misri, Cane jaggery or cane gur)	Starch	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	10 -99 %
1591.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura, Cube, Icing, Misri, Cane jaggery or cane gur)	Sulphur dioxide	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	10 mg/Kg to 200 mg/Kg
1592.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura, Cube, Icing, Misri, Cane jaggery or cane gur)	Free from dirt	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1593.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura, Cube, Icing, Misri, Cane jaggery or cane gur)	Free from filth	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1594.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sweetening Agents, Sugar (Refined, Khandsari, Bura, Cube, Icing, Misri, Cane jaggery or cane gur)	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
1595.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Specific gravity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1.25 -1.50
1596.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1597.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from organic and inorganic matter	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1598.	CHEMICAL/	Honey	Free from visible mould	FSSAI Manual of	Absent/Present

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 208 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Methods of Analysis of Sugar & Sugar products - 2016	
1599.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from insects	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1600.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from insect debris	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1601.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from fragments of bees	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1602.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from brood	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1603.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from pieces of bees wax	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1604.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from grains of sand	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present
1605.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free from any other extraneous matter	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Absent/Present



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 209 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1606.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Total reducing sugars	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 - 90 %
1607.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Sucrose	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 100 %
1608.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Fructose to Glucose ratio	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.5 to 2.0
1609.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Total Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 15 %
1610.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Acidity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 5.0 %
1611.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Free Acidity milliequivalents acid/ 1000 g	AOAC (22nd Ed) 962.19	5 milieq/1000g to 50 milieq/1000g
1612.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Hydroxy Methyl Furfural	AOAC (22nd Ed) 980.23	20 mg/Kg to 100 mg/kg
1613.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Diastase activity	AOAC (22nd Ed) 958.09	2-15 Schade Units
1614.	CHEMICAL/	Honey	Water insoluble matter	FSSAI Manual of	0.1 % to 80 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 210 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Methods of Analysis of Sugar & Sugar products - 2016	
1615.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Proline	AOAC (22nd Ed) 979.20	180 mg/kg to 1200mg/Kg
1616.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Electrical Conductivity	International Honey Commission Method	0.1mS/cm to 1.8 mS/cm
1617.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	C4 Sugar	PBTI/SOP/113:TP-77 Issue No. 01 date 07.11.2015, AOAC 998.12	2.1% to 10%
1618.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Pollen count	IS 4941	more than 100
1619.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	$\Delta\delta^{13}C$ Max(‰)	FSSAI Official Method dt. 29.06.2020: 2020	-0.8 ‰ to 19.0 ‰
1620.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	$\Delta\delta^{13}C$ Fructose- Glucose (‰)	FSSAI Official Method dt. 29.06.2020: 2020	-4.0 ‰ to 4 ‰
1621.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	$\Delta\delta^{13}C$ Protein - Honey(‰)	PBTI/SOP/113:TP-77 Issue No. 01 date 07.11.2015, AOAC 998.12	\pm 0.1 permil to \pm 4 permil
1622.	CHEMICAL/	Honey	2-Acetyl-3-Glucopyranoside (2-	FSSAI Official Mehod dt 06.07.020: 2020	50 ug/kg to 100 ug/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 211 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS		AFGP)/ 3-O-a- D Glucosyl Isomaltol as a Marker of Rice syrup		
1623.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Foreign Oligosaccharides	FSSAI Official Method dt. 29.06.2020: 2020	0.7 to 25%
1624.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Lead	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1625.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Copper	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 5 mg/Kg
1626.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Arsenic	AOAC (22nd Ed) 2015.01	0.025 mg/Kg to 5 mg/Kg
1627.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Tin	AOAC (22nd Ed) 2015.01	1 mg/Kg to 50 mg/Kg
1628.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Cadmium	AOAC (22nd Ed) 2015.01	0.025 mg/Kg to 5 mg/Kg
1629.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Honey	Mercury	AOAC (22nd Ed) 2015.01	0.025mg/Kg to 5 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 212 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1630.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Solubility	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 - 99 %
1631.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Acid value	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 to 30
1632.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Peroxide value	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	2-30 millieq/kg
1633.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Saponification value	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	10 to 300
1634.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Carnauba wax	IS 1504	Present/Absent
1635.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Ceresin, paraffins and certain other waxes	IS 1504	Present/Absent
1636.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Fats, Japan wax, rosin and soap	IS 1504	Present/Absent
1637.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Melting point range, o C	IS 1504	25 °C to 50 °C

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 213 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1638.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Glycerol and other polyols	IS 1504	0.1 % to 2 %
1639.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1640.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 to 10%
1641.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Bees Wax	Total Volatile matter	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 20 %
1642.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1643.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Protein	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 5 %
1644.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Total sugar,	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 - 90 %
1645.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Fructose	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	10 % to 90 %
1646.	CHEMICAL/	Royal Jelly	Glucose	FSSAI Manual of	10 % to 90%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	214 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Methods of Analysis of Sugar & Sugar products - 2016	
1647.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Sucrose	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 100 %
1648.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Total acidity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 5.0 %
1649.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Royal Jelly	Total lipid	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1650.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Total sugars	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 - 90 %
1651.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Extraneous matter insoluble in water	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.05 % to 10 %
1652.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Total ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 15 %
1653.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Ash insoluble in hydrochloric acid	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 0.2 %
1654.	CHEMICAL/	Gur, Jaggery	Moisture	FSSAI Manual of Methods	0.1 % to 20 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 215 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Sugar & Sugar products - 2016	
1655.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Sucrose	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 100 %
1656.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Reducing sugars	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 90 %
1657.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Sulphated ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.02 % to 10 %
1658.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Extraneous matter	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.05 % to 10 %
1659.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gur, Jaggery	Water insoluble matters	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 80 %
1660.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dextrose	Sulphated ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.02 % to 10 %
1661.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dextrose	Acidity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 5.0 %
1662.	CHEMICAL/	Dextrose	Glucose	FSSAI Manual of Methods of Analysis of	10 % to 90%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 216 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Sugar & Sugar products - 2016	
1663.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dextrose	Total ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 15 %
1664.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dextrose	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1665.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dextrose	Total sugars	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 - 90 %
1666.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Total solid contents	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.2 % to 99.0 %
1667.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Reducing sugar	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	1 % to 90 %
1668.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Sulfated Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.02 % to 10 %
1669.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Free from fermentation	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Present/Absent
1670.	CHEMICAL/	Dried Glucose Syrup	Free from evidence of mould growth	FSSAI Manual of Methods of Analysis of	Present/Absent

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 217 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Sugar & Sugar products - 2016	
1671.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Free from dirt	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Present/Absent
1672.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Free from other extraneous matter	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Present/Absent
1673.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dried Glucose Syrup	Free from any added natural or coal tar food colour	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	Present/Absent
1674.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sodium Saccharin	Purity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	40 % to 99 %
1675.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sodium Saccharin	Glucose	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	10 % to 90%
1676.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sodium Saccharin	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1677.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sodium Saccharin	Acidity and alkalinity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.01 % to 5.0 %
1678.	CHEMICAL/	Aspartame	Purity	FSSAI Manual of Methods	40 % to 99 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 218 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			of Analysis of Sugar & Sugar products - 2016	
1679.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Aspartame	loss on drying	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1680.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Aspartame	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1681.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Aspartame	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1682.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Aspartame	Solubility	AOAC (22nd Ed) 2015.01	0.1 % to 100 %
1683.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Aspartame	Sulphate ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.02 % to 10 %
1684.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Acesulfame Potassium	Purity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	40 % to 99 %
1685.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Acesulfame Potassium	Loss on drying	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1686.	CHEMICAL/	Acesulfame Potassium	Flouride	FSSAI Manual of Methods of Analysis of	1 mg/Kg to 100 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 219 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Sugar & Sugar products - 2016	
1687.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Acesulfame Potassium	Heavy Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1688.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Acesulfame Potassium	loss on drying	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1689.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sucralose	Purity	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	40 % to 99 %
1690.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sucralose	loss on drying	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1691.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sucralose	Arsenic	AOAC (22nd Ed) 2015.01	0.02 mg/Kg to 5 mg/Kg
1692.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sucralose	Lead	AOAC (22nd Ed) 2015.01	0.04 mg/Kg to 5 mg/Kg
1693.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Sucralose	Total Ash	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 15 %
1694.	CHEMICAL/	Calcium Saccharin	Purity	FSSAI Manual of Methods of Analysis of	40 % to 99 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 220 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS			Sugar & Sugar products - 2016	
1695.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Calcium Saccharin	Moisture	FSSAI Manual of Methods of Analysis of Sugar & Sugar products - 2016	0.1 % to 20 %
1696.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Loss on Drying	IS 2962	0.1 % to 20 %
1697.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from filth	IS 2962	Present/Absent
1698.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from dirt	IS 2962	Present/Absent
1699.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from added colouring matter	IS 2962	Present/Absent
1700.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from rancidity	IS 2962	Present/Absent
1701.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from off flavor	IS 2962	Present/Absent



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 221 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1702.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from mould growth	IS 2962	Present/Absent
1703.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Free from insect infestation	IS 2962	Present/Absent
1704.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Alkalinity of total Ash	IS 2962	0.1 % to 20 %
1705.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Crude fibre	IS 2962	0.1 % to 30 %
1706.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Water insoluble residue	IS 2962	0.1 % to 80 %
1707.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Alcohol insoluble residue	IS 2962	0.01 % to 50 %
1708.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Total ash	IS 2962	0.1 % to 15 %
1709.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Other Foods & Ing, Catechu, Cocoa powder	Ash insoluble in HCl	IS 2962	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 222 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1710.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gelatin	Moisture	IS 5719	0.1 % to 20 %
1711.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gelatin	total ash	IS 5719	0.1 % to 15 %
1712.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gelatin	sulphur dioxide	IS 5719	20 -1000 mg/kg
1713.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Gelatin	Nitrogen	IS 5719	0.5 % to 20 %
1714.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Silver Leaf	weight of silver foil	IS 3110	1-5 g/m ²
1715.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Silver Leaf	silver content	AOAC (19th Ed) 999.10	1 % to 100 %
1716.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pan Masala	Synthetic Colour	FSSAI Manual of Methods of Analysis of Food additives-2016	Absent/Present
1717.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Pan Masala	Total ash	FSSAI Manual of Methods of Analysis of Food additives-2016	0.1 % to 15 %
1718.	CHEMICAL/	Pan Masala	Ash insoluble in dilute	FSSAI Manual of	0.01 % to 0.2 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 223 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS		HClacid	Methods of Analysis of Food additives-2016	
1719.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carob Powder	Total ash	PBTI/SOP/18:TP-11 Issue No. 01 date 22.02.2011	0.1 % to 15 %
1720.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Carob Powder	Acid insoluble matter	PBTI/SOP/18:TP-11 Issue No. 01 date 22.02.2011	0.02% to 40 %
1721.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Dietary Fibre	Total dietary fibre	AOAC (Ed 19) 985.29	0.1 % to 10 %
1722.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Vitamin A	PBTI/SOP/10:TP-04_HPLC Issue No. 02 date 05.03.2010	2 mg/Kg to 80 mg/kg
1723.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Vitamin D	PBTI /SOP/11:TP-05_HPLC Issue No. 02 date 05.03.2010	30µg/Kg to 30 mg/kg
1724.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Vitamin C	IS 5838	1 mg/100g to 100 mg/100g
1725.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Thiamin	PBTI /SOP/82:TP-51_HPLC Issue No. 01 date 28.07.2015	0.05 to 3.0 mg/100g
1726.	CHEMICAL/	Food for special medical purpose,	Riboflavin	PBTI /SOP/80:TP-49_HPLC Issue No. 01	0.05 to 3.0 mg/100g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 224 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Food with added probiotic ingredients, Food with added prebiotic ingredients		date 09.02.2015	
1727.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Vitamin B6	PBTI /SOP/83:TP-52_HPLC Issue No. 01 date 23.02.2016	0.05 to 3.0 mg/100g
1728.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Niacin	PBTI /SOP/137 :TP-97_HPLC Issue No. 01 date 22.06.2017	0.5 to 5.0 mg/100g
1729.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Folic acid	PBTI/SOP/132/TP-94 Issue No. 01 date 15.03.2017	1 -500 ug/100g
1730.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food with added prebiotic ingredients	Vitamin B12	PBTI/SOP/133/TP-95 Issue No. 01 date 10.05.2017	1 -500 ug/100g
1731.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Pantothenic acid	PBTI /SOP/142:TP-101_LCMSMS Issue No. 01 date 06.10.2017	0.5 to 5.0 mg/100g
1732.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Vitamin E	PBTI /SOP/74:TP-47_HPLC Issue No. 01 date 27.01.2014	0.1 to 10 mg/100g
1733.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food with added prebiotic ingredients	Sodium	AOAC (19th Ed) 999.10	1 mg/100g to 500 mg/100g
1734.	CHEMICAL/	Neutraceuticals,	Chloride	FSSAI Manual of Methods	50 mg/100g to 1000mg/100g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 225 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Health supplements, Nutraceuticals,		of Analysis of Food	
1735.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Potassium	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1736.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Calcium	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1737.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Phosphorus	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1738.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Magnesium	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1739.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Iron	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1740.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Zinc	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1741.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Copper	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1742.	CHEMICAL/	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Iodine	PBTI/SOP/123:TP-87	12.5ug/100g to 100ug/100g

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 226 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	prebiotic ingredients		Issue No. 01 date 17.10.2016	
1743.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Selenium	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1744.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Manganese	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1745.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Chromium	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1746.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Molybdenum	AOAC (22nd Ed.) 2015.01	1 mg/100g to 500 mg/100g
1747.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Protein	FSSAI Manual of Methods of Analysis of Food	1 % to 40 %
1748.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Food for special medical purpose, Food with added probiotic ingredients, Food with added prebiotic ingredients	Carbohydrates	PBTI/SOP/18/TP-11 Issue No. 01 date 22.02.2011	0.5 % to 90 %
1749.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS	Neutraceuticals, Health supplements, Nutraceuticals,	Amino Acid	PBTI/SOP/111/TP-75 Issue No. 01 date 17.03.2015	1mg/100g to 1000 mg/100g
1750.	CHEMICAL/	Food for special medical purpose,	Fatty Acids	PBTI/SOP/22/TP-15 Issue	1 % to 90%

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	227 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	FOOD AND AGRICULTURAL PRODUCTS	Food with added probiotic ingredients, Food with added prebiotic ingredients		No. 01 date 11.04.2011	
1751.	CHEMICAL/ FOOD AND AGRICULTURAL PRODUCTS		Energy	PBTI/SOP/18/TP-11 Issue No. 01 date 22.02.2011	1 Kcal/100g to 900 Kcal/100g
1752.	CHEMICAL/ WATER	Packaged DrinkingWater /	Acidity as CaCO3	APHA 24th ed. Year 2023, 2310 - B	2 mg/L to 1000 mg/L
1753.	CHEMICAL/ WATER	Packaged Natural Mineral Water	Acidity as CaCO3	IS 3025 (Pt. 22):1986	2 mg/L to 1000 mg/L
1754.	CHEMICAL/ WATER	Packaged DrinkingWater /	Aluminium (Al)	APHA 24th ed.. 3500-Al.; 2023	0.01 mg/L to 100 mg/L
1755.	CHEMICAL/ WATER	Packaged Natural Mineral Water	Aluminium (Al)	IS 3025 (Pt. 55):2003: 2003	0.02 mg/L to 100 mg/L
1756.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Aluminium (Al)	APHA 24th ed. Year 2023 ,3113 B, APHA 24th ed. Year 2023 ,3111 D.APHA 24th ed. Year 2023 ,3125 - B: 2012	0.01 mg/L to 100 mg/L
1757.	CHEMICAL/ WATER	Packaged DrinkingWater /	Anionic Surface active Agents (as MBAS)	IS 13428 (Annex K): 2005	0.05 mg/l to 10 mg/l
1758.	CHEMICAL/ WATER	Packaged Natural Mineral Water	Antimony (Sb)	IS 15303-2003 APHA 24th ed.Year 2023 ,3113 B, APHA 24th ed. Year 2023 ,3111 B : 2023	0.002 mg/L to 100 mg/L
1759.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Antimony (Sb)	APHA 24th ed. Year 2023 , 3125- B	0.001 mg/l to 100 mg/l
1760.	CHEMICAL/ WATER	Mineral Water	Biochemical Oxygen Demand (BOD) for 3	IS 3025 (Pt. 44):1993 (RA	1 mg/L to 2000 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 228 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
			days / for 5 days at 27oC / 20oC	2003), APHA 24th ed. Year 2023 ,5210 - B	
1761.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Boron as B Borates as B	APHA 24th ed. Year 2023 , 3125- B	0.005 mg/l to 100 mg/l
1762.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Boron as B Borates as B	APHA 24th ed. Year 2023 , -4500-B - C: 2023	0.2 mg/l to 100 mg/l
1763.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Boron as B Borates as B	IS 3025 (Pt. 57) (RA 2003): 1988	2 mg/l to 100 mg/l
1764.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Bromate	APHA 24th ed. Year 2023 , - 4110 by IC/ ISO 15061:2001 by IC: 2001	0.005 mg/l to 1.0 mg/l
1765.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Total Alkalinity as CaCO3	IS 3025 (Pt. 23) (RA 2003): 1986	2 mg/L to 1000 mg/L
1766.	CHEMICAL/ WATER	Packaged Natural Mineral Water	Total Alkalinity as CaCO3	APHA 24th ed. Year 2023 ,2320 - B: 2012	2 mg/L to 1000 mg/L
1767.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Ammoniacal Nitrogen as NH3-N	IS 3025 (Pt. 34), APHA 24th ed. Year 2023 4500- NH3 -C	0.5 mg/L to 500 mg/L
1768.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Arsenic (As)	IS 3025 (Pt. 37):1988 (RA 2003), APHA 24th ed.. Year 2023, 3113 B, APHA 24th ed. Year 2023 , 3125- B	0.005 mg/L to 100 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 229 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1769.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Barium (Ba)	APHA 24th ed. Year 2023 ,3113 B, IS 15302: 2003	0.05 mg/L to 100 mg/L
1770.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Barium (Ba)	APHA 24th ed. Year 2023 , 3125- B: 2012	0.01 mg/L to 100 mg/L
1771.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Bicarbonate Alkalinity as CaCO ₃	IS 3025 (Pt. 23):1986 (RA 2003), APHA 21st ed. 2320-B: 2012	2 mg/L to 1000 mg/L
1772.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Boron as B Borates as B	IS 13428:2005 (Annex H): 2005	0.2 mg/L to 1000 mg/L
1773.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Cadmium (Cd)	IS 3025 (Pt. 41):1992 (RA 2003), APHA 21st ed. 3111 B, APHA 21st ed. 3113 B, APHA 21st ed. 3125- B: 2012	0.001 mg/L to 100 mg/L
1774.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Calcium (Ca)	IS 3025 (Pt. 40) (RA 2003): 1991	2.0 mg/L to 500 mg/L
1775.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Calcium (Ca)	APHA 24th ed.3111 B, APHA 24th ed.3113 B, APHA 24th ed.3125- B: 2023	0.05 mg/L to 500 mg/L
1776.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Carbonate Alkalinity as CaCO ₃	IS 3025 (Pt. 23):1986 (RA 2003), APHA 24th ed. 2320-B: 2023	2 mg/L to 1000 mg/L
1777.	CHEMICAL/ WATER	Packaged DrinkingWater /	Chemical Oxygen Demand (COD)	IS 3025 (Pt. 58):2006 (RA 2006)/ APHA 24th ed.	2 mg/L to 500 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 230 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Packaged Natural Mineral Water		Year 2023 , 5220 - B	
1778.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Chloride (Cl)	APHA 24th ed.4500-Cl ⁻ - G/ APHA 24th ed.4110 IC: 2023	0.5 mg/L to 1000 mg/L
1779.	CHEMICAL/ WATER	Packaged DrinkingWater /	Chloride (Cl)	IS 3025 (Pt. 32):1988	2.0 mg/L to 1000 mg/L
1780.	CHEMICAL/ WATER	Packaged Natural Mineral Water	Chlorine (Residual)	IS 3025 (Pt. 26):1986 , APHA 24th ed. Year 2023 ,4500-Cl-E	0.2 mg/L to 100 mg/L
1781.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Chromium (Cr)	IS 13428:2005 (Annex J), APHA 24th ed. Year 2023 ,3111 B, APHA 24th ed. Year 2023 ,3113 B, APHA 24th ed.. Year 2023 , 3125- B: 2023	0.005 mg/L to 100 mg/L
1782.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Cobalt	APHA 24th ed. Year 2023 ,3111 B, APHA 24th ed. Year 2023 , 3113, APHA 24th ed. Year 2023 , 3125- B	0.005 mg/L to 100 mg/L
1783.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Colour	IS 3025 (Pt. 4):1983 (RA 2002), APHA 24th ed.Year 2023 ,2120-B	0 HazenUnits to 500 HazenUnits
1784.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Conductivity	APHA 24th ed. Year 2023 , , 2510-B:	0.005 µS/cm to 1000 mS/cm

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 231 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1785.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Copper (Cu)	IS 3025 (Pt. 42):1992 (RA 2003), APHA 24th ed. Year 2023, 3111 B, APHA 24th ed. Year 2023 , 3113 B, APHA 24th ed. Year 2023 , 3125- B: 2012	0.005 mg/L to 100 mg/L
1786.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Cyanide (CN-)	IS 3025 (Pt. 27) : 1986, APHA 4500 E/ APHA 24th ed. Year 2023, 4110 IC	0.005 mg/L to 100 mg/L
1787.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Fixed Residue	IS 3025 (Pt. 18) 1984/APHA 24th ed. Year 2023 , 2540 E	1 mg/l to 10000 mg/l
1788.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Fluoride (F)	APHA 24th ed. Year 2023 ,4500-F ⁻ D/ IS 3025 (Pt. 60)/ APHA 24th ed. Year 2023,4110 IC	0.5 mg/L to 500 mg/L
1789.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Hexavalent Chromium (Cr 6+)	IS 3025 (Pt. 52) :2003 (RA 2002) / APHA 24th ed. , 3500 Cr - B: 2023	0.02 mg/L to 50 mg/L
1790.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Iron (Fe)	IS 3025 (Pt. 53):2003 (RA 2003), APHA 24th ed. , 3113 B, APHA 24th ed. Year 2023 , 3111 B, APHA 24th ed. Year 2023	0.01 mg/L to 1000 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 232 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1791.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Lead (Pb)	,3125- B IS 3025 (Pt. 47):1994 (RA 2003), APHA 24th ed. , 3111 B, APHA 24th ed. Year 2023 ,3113 B, APHA 24th ed. Year 2023 , 3125- B	0.005
1792.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Magnesium (Mg)	APHA 24th ed. Year 2023 , 3111 B, APHA 24th ed. Year 2023 ,3500-Mg, B	1 mg/L to 10000 mg/L
1793.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Magnesium (Mg)	APHA 24th ed. Year 2023 , 3125- B	0.05 mg/L to 100 mg/L
1794.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Manganese (Mn)	APHA 24th ed. Year 2023 , 3113 B, APHA 24th ed. Year 2023 , 3111 B	0.05 mg/L to 50 mg/L
1795.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Manganese (Mn)	APHA 24th ed. Year 2023 , 3125-B	0.005 mg/L to 50 mg/L
1796.	CHEMICAL/ WATER	Packaged Natural Mineral Water	Mercury (Hg)	APHA 24th ed. Year 2023 ,3125- B	0.0005 mg/L to 10 mg/L
1797.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Mercury (Hg)	IS 3025 (Pt. 48):1994 , APHA 24th ed., 3112 B: 2023	0.0008 mg/L to 10 mg/L
1798.	CHEMICAL/ WATER	Packaged DrinkingWater /	Mineral Oil	IS 3025 Part 39, Partition Infra-red Method,	0.05 mg/L to 100 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 233 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Packaged Natural Mineral Water		PBTI/SOP/20/TP-13 FTIR; Issue No 01 Date 11.04.2011	
1799.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Molybdenum (Mo)	APHA 3111 B, APHA 24th ed. Year 2023 , 3113 B, APHA 24th ed. Year 2023 , 3125- B	0.005 mg/L to 10 mg/L
1800.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Nickel (Ni)	IS 13428:2005 (Annex L), APHA 24th ed. Year 2023 APHA 3111 B, APHA 24th ed. Year 2023 3113 B, APHA 24th ed. Year 2023 3125- B	0.005 mg/L to 50 mg/L
1801.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Nitrate Nitrogen as NO ₃ -N	IS 3025 (Pt. 34):1988 (RA 2003), APHA 24th ed. 4500-NO ₃ ⁻ -E/ APHA 24th ed.4110 IC: 2023	0.5 mg/L to 100 mg/L
1802.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Nitrite Nitrogen as NO ₂ -N	IS 3025 (Pt. 34):1988 (RA 2003), APHA 24th ed.4500-NO ₂ ⁻ -B/ APHA 24th ed.41101C: 2023	0.01 mg/L to 20 mg/L
1803.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Odour	IS 3025 (Pt. 5):1983), APHA 24th ed. 2150 - B: 2023	Qualitative :Agreeable/Disagreeable
1804.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	pH/ Hydrogen ion concentration	IS 3025 (Pt. 11):1983 (RA 2002), APHA 24th ed. 4500-H+-B: 2023	1 to 14

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 234 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1805.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Phenolic Compounds as C6H5OH Total Phenols	IS 3025 (Pt. 43):1992 (RA 2002), APHA 24th ed.5530 C: 2023	0.0006 mg/L to 50 mg/L
1806.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Phosphate (as PO43-)	IS 3025 (Pt.31):1988, APHA 24th ed., 4500-P-C/ APHA 24th ed., 4110 IC: 2023	0.5 mg/L to 1000 mg/L
1807.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Potassium (K)	APHA 24th ed. Year 2023 3111 B	1 mg/L to 100 mg/L
1808.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Potassium (K)	APHA 24th ed. Year 2023 3125- B	0.05 mg/L to 100 mg/L
1809.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Reactive Silica (Sio2)	APHA 24th ed. Year 2023 4500-SiO2 - C/IS 3025 (Pt. 35) : 1988	0.1 mg/L to 100 mg/L
1810.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Salinity	APHA 24th ed. Year 2023 2520 B: 2012	0 ppt to 37 ppt
1811.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Selenium (Se)	IS 3025 (Pt. 56):2003, APHA 24th ed. Year 2023 3113 B, APHA 24th ed. Year 2023 3125- B	0.005 mg/L to 50 mg/L
1812.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Silver (Ag)	IS 13428 (Annex J):2005, APHA 24th ed. Year 2023 3113 B, APHA 24th ed. Year	0.005 mg/L to 50 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 235 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				2023 3111 B, APHA 24th ed. Year 2023 3125- B	
1813.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sodium (Na)	IS 3025 (Pt. 45):1993 (RA 2003), APHA 24th ed.3111 B: 2023	1 mg/L to 1000 mg/L
1814.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sodium (Na)	APHA 24th ed. Year 2023 3125- B	0.05 mg/L to 1000 mg/L
1815.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sodium Adsorption Ratio	IS 11624 (RA 2009): 1986	1 meq/l to 50 meq/l
1816.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sulfite (SO32-)	APHA 24th ed. Year 2023 4500-SO32- B	2 mg/L to 1000 mg/L
1817.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sulphate (SO42-)	IS 3025 (Pt. 24):1986 (RA 2003), APHA 24th ed. 4500-SO42- E/ : 2023	2 mg/L to 1000 mg/L
1818.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sulphate (SO42-)	APHA 24th ed. Year 2023 4110 IC	0.5 mg/l to 1000 mg/l
1819.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Sulphide (S2-)	IS 3025 (Pt. 29):1986 (RA 2003), APHA 24th ed. 4500-S2- D:2023	0.05 mg/L to 20 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 236 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1820.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Taste	IS 3025 (Pt. 8) (RA 2002): 1983	Qualitative :Agreeable/Disagreeable
1821.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Tin (Sn)	APHA 24th ed. Year 2023,3111 B, APHA 24th ed. Year 2023, 3113 B, APHA 24th ed. Year 2023, 3125- B	0.05 mg/L to 100 mg/L
1822.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Total Dissolved Solids	IS 3025 (Pt.16):1984 (RA 2002), APHA 24th ed., 2540 C: 2023	1 mg/L to 10000 mg/L
1823.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Total Hardness (as CaCO ₃)	IS 3025 (Pt.21):2009 (RA 2006), APHA 24th ed., 2340 C: 2023	1 mg/L to 25000 mg/L
1824.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Total Kjeldahl Nitrogen asN	IS 3025 (Pt. 34):1988 (RA 2003), APHA 24th ed. 4500-Norg-B: 2023	5 mg/L to 1000 mg/L
1825.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Total Solids	IS 3025 (Pt. 15), APHA 24th ed., 2540 B: 2023	1 mg/L to 20000 mg/L
1826.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Total Suspended Solids	IS 3025 (Pt.17):1984 (RA 2002), APHA 24th ed., 2540 D: 2023	1 mg/L to 1000 mg/L
1827.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Turbidity	IS 3025 (Pt. 10):1984 (RA 2002), APHA 24th ed. , 2130 B: 2023	0 NTU to 4000 NTU

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 237 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1828.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Uranium	APHA 24th ed. Year 2023, 3125- B by ICP-MS	0.005 mg/l to 2.0 mg/l
1829.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Volatile Residue	IS 3025 (Pt. 18) 1984/APHA 24th ed. , 2540 E: 2023	1 mg/l to 10000 mg/l
1830.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Zinc (as Zn)	IS 3025 (Pt. 49):1994 (RA 2003), APHA 24th ed., 3111 B: 2023	0.2 mg/L to 100 mg/L
1831.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Zinc (as Zn)	APHA 24th ed. Year 2023, 3125- B	0.01 mg/L to 100 mg/L
1832.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Mercury (Hg)	APHA 24th ed. Year 2023 ,3125- B	0.0005 mg/L to 10 mg/L
1833.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Chlorfenvinphos	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1834.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	2,4 - D	PBTI/SOP/97:TP-61 Issue No. 02 date 15.08.2015	0.1 µg/L to 100 µg/L
1835.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	DDT Isomers	PBTI/SOP/59/TP-37 GCMS-MS Issue No. 01 date 07.06.2013	0.01 µg/L to 100 µg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 238 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1836.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Alachlor	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1837.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Aldrin	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.0075 µg/L to 100 µg/L
1838.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Alpha BHC	PBTI/SOP/59/TP-37 GCMS-MS Issue No. 01 date 07.06.2013	0.005 µg/L to 100 µg/L
1839.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Alpha Endosulfan	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1840.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Atrazine	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1841.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Beta BHC	PBTI/SOP/59/TP-37 GCMS-MS Issue No. 01 date 07.06.2013	0.01 µg/L to 100 µg/L
1842.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Beta Endosulfan	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1843.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Butachlor	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 239 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1844.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Chlorpyrifos	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1845.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Delta BHC	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1846.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Dieldrin	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.0075 µg/L to 100 µg/L
1847.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Endosulfan Sulfate	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1848.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Ethion	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1849.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Gamma BHC (Lindane)	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1850.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Heptachlor	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.0075 µg/L to 100 µg/L
1851.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Heptachlor epoxide	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.0075 µg/L to 100 µg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 240 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1852.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Isoproturon	PBTI/SOP/19/TP-12 HPLC Issue No. 01 date 22.02.2011	0.1 µg/L to 100 mg/L
1853.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Malaoxon (Oxygen Analogue)	PBTI/SOP/59/TP-37 GC- MS MS Issue No. 01 date 07.06.2013	0.05 µg/L to 100 mg/L
1854.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Malathion	PBTI/SOP/84:TP- 53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1855.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Monocrotophos	PBTI/SOP/59/TP-37 GC- MS MS Issue No. 01 date 07.06.2013	0.04 µg/L to 100 mg/L
1856.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Paraoxon Methyl (Oxygen Analogue)	PBTI/SOP/84:TP- 53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1857.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Parathion Methyl	PBTI/SOP/84:TP- 53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1858.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Phorate	PBTI/SOP/59/TP-37 GC- MS MS Issue No. 01 date 07.06.2013	0.01 µg/L to 100 ug/L
1859.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Phorate Sulfoxide (Oxygen Analogue)	PBTI/SOP/84:TP- 53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 241 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1860.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Phorate Sulphone (Oxygen Analogue)	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 100 µg/L
1861.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Delta BHC	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	0.01 ug/L to 100 ug/L
1862.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Gamma BHC (Lindane)	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	0.01 ug/L to 100 ug/L
1863.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Paraoxon Methyl (Oxygen Analogue)	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 29.09.2010	0.04 ug/L to 100 ug/L
1864.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	2,2',3,3',4,4',5',6,6'-Octachlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1865.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	2,2',3,3',4,4',6 Heptachlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1866.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	2,2',3',4,6-Pentachlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1867.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	2,2',4,4'-Tetrachlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 242 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1868.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	2,2',4,4',5,6'-Hexachlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1869.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	2,3-Dichlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1870.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	2,4,5-Trichlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1871.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	2-Chlorobiphenyl	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1872.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Benzo(a) pyrene	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1873.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Benzo(b) Fluoranthene	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 0.15 µg/L
1874.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Benzo(ghi)perylene	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 0.15 µg/L
1875.	CHEMICAL/ WATER	Packaged Drinking Water / Packaged Natural Mineral Water	Benzo(k) Fluoranthene	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 0.15 µg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 243 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1876.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Dibenzo (a,h) anthracene	PBTI/ SOP/15/TP-08 GC-MS Issue No. 01 date 29.09.2010	0.1 µg/L to 0.5 µg/L
1877.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Indeno (1,2,3 – cd) pyrene	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 24.09.2014	0.025 µg/L to 0.15 µg/L
1878.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Aldicarb	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1879.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Aldrin, dieldrin	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1880.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Chlordane	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1881.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Heptachlor	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1882.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Lindane (Gamma-HCH)	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1883.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Endosulfan	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 244 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1884.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Carbofuran	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1885.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Methomyl	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1886.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Captafol	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1887.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Ferbam	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1888.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Formothion	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1889.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Simazine	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1890.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Diazinon	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1891.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	D.D.T	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 245 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1892.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Fenitrothion	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1893.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Fenthion	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1894.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Methyl Parathion	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1895.	CHEMICAL/ WATER	Packaged DrinkingWater / Packaged Natural Mineral Water	Ethyl Parathion	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1896.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Phosphamidon residues	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1897.	CHEMICAL/ WATER	Packaged Drinking Water/ Packaged Natural Mineral Water	Monocrotophos	PBTI/SOP/59/TP-37 GC-MS MS Issue No. 01 date 07.06.2013	10 ug/Kg to 1000 ug/Kg
1898.	CHEMICAL/ WATER	Packaged DrinkingWater	pH/ Hydrogen ion concentration	IS 3025 (Pt. 11):1983 (RA 2002), APHA 24th ed. 4500-H+-B: 2023	1 to 14
1899.	CHEMICAL/ WATER	Packaged DrinkingWater	Aluminium (Al)	IS 3025 (Pt. 55):2003:	0.02 mg/L to 100 mg/L
1900.	CHEMICAL/ WATER	Packaged DrinkingWater	Aluminium (Al)	APHA 24th ed. Year 2023 ,3113 B, APHA 24th ed.	0.01 mg/L to 100 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 246 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Year 2023 ,3111 D.APHA 24th ed. Year 2023 ,3125 - B	
1901.	CHEMICAL/ WATER	Packaged DrinkingWater	Aluminium (Al)	APHA 24th ed.3500-AI: 2023	0.01 mg/L to 100 mg/L
1902.	CHEMICAL/ WATER	Packaged DrinkingWater	Anionic Surface active Agents (as MBAS)	IS 13428 (Annex K):2005: 2005	0.05 mg/l to 10 mg/l
1903.	CHEMICAL/ WATER	Packaged DrinkingWater	Antimony (Sb)	APHA 24th ed. Year 2023 , 3125- B	0.001 mg/l to 100 mg/l
1904.	CHEMICAL/ WATER	Packaged DrinkingWater	Antimony (Sb)	IS 15303-2003 APHA 21st ed. Year 2012 ,3113 B, APHA 24th ed. Year 2023 ,3111 B	0.002 mg/L to 100 mg/L
1905.	CHEMICAL/ WATER	Packaged DrinkingWater	Arsenic (As)	IS 3025 (Pt. 37):1988 (RA 2003) APHA 24th ed. 3113B, APHA 24th ed.3125-B: 2023	0.005 mg/L to 100 mg/L
1906.	CHEMICAL/ WATER	Packaged DrinkingWater	Barium (Ba)	APHA 24th ed. Year 2023 ,3113 B, IS 15302-2003: 2003	0.05 mg/L to 100 mg/L
1907.	CHEMICAL/ WATER	Packaged DrinkingWater	Barium (Ba)	APHA 24th ed. Year 2023 , 3125- B	0.01 mg/L to 100 mg/L
1908.	CHEMICAL/ WATER	Packaged DrinkingWater	Boron as B Borates as B	IS 13428:2005 (Annex H): 2005	0.1 mg/L to 1000 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 247 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1909.	CHEMICAL/ WATER	Packaged DrinkingWater	Boron as B Borates as B	APHA 24th ed. Year 2023 , 3125- B	0.005 mg/l to 100 mg/l
1910.	CHEMICAL/ WATER	Packaged DrinkingWater	Boron as B Borates as B	APHA 24th ed., -4500-B - C: 2023	0.2 mg/l to 100 mg/l
1911.	CHEMICAL/ WATER	Packaged DrinkingWater	Boron as B Borates as B	IS 3025 (Pt. 57) (RA 2003), : 1988	2 mg/l to 100 mg/l
1912.	CHEMICAL/ WATER	Packaged DrinkingWater	Bromate	APHA 24th ed. Year 2023 , - 4110 by IC/ ISO 15061:2001 by IC: 2001	0.005 mg/l to 1.0 mg/l
1913.	CHEMICAL/ WATER	Packaged DrinkingWater	Cadmium (Cd)	IS 3025 (Pt. 41):1992 (RA 2003), APHA 24th ed.3111 B, APHA 24th ed. 3113 B, APHA 24th ed. 3125- B: 2023	0.001 mg/L to 100 mg/L
1914.	CHEMICAL/ WATER	Packaged DrinkingWater	Calcium (Ca)	APHA 24th ed.3111 B, APHA 24th ed.. 3113 B, APHA 24th ed.3125- B: 2023	0.05 mg/L to 500 mg/L
1915.	CHEMICAL/ WATER	Packaged DrinkingWater	Calcium (Ca)	IS 3025 (Pt. 40) (RA 2003): 1991	2.0 mg/L to 500 mg/L
1916.	CHEMICAL/ WATER	Packaged DrinkingWater	Chloride (Cl)	APHA 24th ed.4500-Cl ⁻ - G/ APHA 24th ed.4110 IC: 2023	0.5 mg/L to 1000 mg/L
1917.	CHEMICAL/ WATER	Packaged DrinkingWater	Chloride (Cl)	IS 3025 (Pt. 32) (RA 2003): 1988	1.0 mg/L to 1000 mg/L
1918.	CHEMICAL/ WATER	Packaged DrinkingWater	Chlorine (Residual)	IS 3025 (Pt. 26):1986 (RA	0.2 mg/L to 100 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 248 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1919.	CHEMICAL/ WATER	Packaged DrinkingWater	Chromium (Cr)	2003), APHA 24th ed. Year 2023 ,4500-CI-E	0.005 mg/L to 100 mg/L
1920.	CHEMICAL/ WATER	Packaged DrinkingWater	Colour	IS 13428:2005 (Annex J), APHA 24th ed. Year 2023 ,3111 B, APHA 24th ed. Year 2023 ,3113 B, APHA 24th ed., 3125- B: 2023	0 HazenUnits to 500 HazenUnits
1921.	CHEMICAL/ WATER	Packaged DrinkingWater	Copper (Cu)	IS 3025 (Pt. 42):1992 (RA 2003), APHA 24th ed. , 3111 B, APHA 24th ed. Year 2023 , 3113 B, APHA 24th ed. Year 2023 , 3125- B	0.005 mg/L to 100 mg/L
1922.	CHEMICAL/ WATER	Packaged DrinkingWater	Cyanide (CN-)	IS 3025 (Pt. 27) : 1986, APHA 4500 E/ APHA 24th ed. Year 2023, 4110 IC	0.005 mg/L to 100 mg/L
1923.	CHEMICAL/ WATER	Packaged DrinkingWater	Fluoride (F)	APHA 24th ed. Year 2023 ,4500-F ⁻ D/ IS 3025 (Pt. 60)/ APHA 24th ed. ,4110 IC	0.5 mg/L to 500 mg/L
1924.	CHEMICAL/ WATER	Packaged DrinkingWater	Iron (Fe)	IS 3025 (Pt. 53):2003 (RA 2003), APHA 24th ed.	0.01 mg/L to 1000 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 249 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				2012 , 3113 B, APHA 24th ed. Year 2023 , 3111 B, APHA 24th ed. Year 2023 ,3125- B	
1925.	CHEMICAL/ WATER	Packaged DrinkingWater	Lead (Pb)	IS 3025 (Pt. 47):1994 (RA 2003), APHA 24th ed. , 3111 B, APHA 24th ed. Year 2023 ,3113 B, APHA 24th ed. Year 2023 , 3125- B	0.005 mg/L to 100 mg/L
1926.	CHEMICAL/ WATER	Packaged DrinkingWater	Magnesium (Mg)	APHA 24th ed. Year 2023 , 3111 B, APHA 24th ed ,3500-Mg, B: 2023	1 mg/L to 10000 mg/L
1927.	CHEMICAL/ WATER	Packaged DrinkingWater	Magnesium (Mg)	APHA 24th ed. Year 2023 , 3125- B	0.05 mg/L to 100 mg/L
1928.	CHEMICAL/ WATER	Packaged DrinkingWater	Manganese (Mn)	APHA 24th ed. Year 2023 , 3113 B, APHA 24th ed. Year 2023 , 3111 B	0.05 mg/L to 50 mg/L
1929.	CHEMICAL/ WATER	Packaged DrinkingWater	Manganese (Mn)	APHA 24th ed. Year 2023 , 3125-B	0.005 mg/L to 50 mg/L
1930.	CHEMICAL/ WATER	Packaged DrinkingWater	Mercury (Hg)	IS 3025 (Pt. 48): 1994	0.0008 to 10
1931.	CHEMICAL/ WATER	Packaged DrinkingWater	Mercury (Hg)	APHA 24th ed. Year 2023 , 3112 B, APHA 24th ed. Year 2023 ,3125- B	0.0005 mg/L to 10 mg/L
1932.	CHEMICAL/ WATER	Packaged DrinkingWater	Mineral Oil	IS 3025 Part 39, Partition Infra-red	0.05 mg/L to 100 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 250 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				Method, PBTI/SOP/20/TP-13 FTIR; Issue No. 01 date 11.04.2011	
1933.	CHEMICAL/ WATER	Packaged DrinkingWater	Nickel (Ni)	IS 13428:2005 (Annex L), APHA 24th ed. Year 2023 APHA 3111 B, APHA 24th ed. Year 2023 3113 B, APHA 24th ed. Year 2023 3125- B	0.005 mg/L to 50 mg/L
1934.	CHEMICAL/ WATER	Packaged DrinkingWater	Nitrate Nitrogen as NO ₃ -N	IS 3025 (Pt. 34):1988 (RA 2003), APHA 24th ed. 4500-NO ₃ ⁻ -E/ APHA 24th ed 4110 IC: 2023	0.5 mg/L to 100 mg/L
1935.	CHEMICAL/ WATER	Packaged DrinkingWater	Nitrite Nitrogen as NO ₂ -N	IS 3025 (Pt. 34):1988 (RA 2003), APHA 24th ed. 2012 4500-NO ₂ ⁻ -B/ APHA 24th ed 41101C: 2023	0.01 mg/L to 20 mg/L
1936.	CHEMICAL/ WATER	Packaged DrinkingWater	Odour	IS 3025 (Pt. 5):1983 (RA 2002), APHA 24th ed. 2012 2150 -B	Qualitative :Agreeable/Disagreeable
1937.	CHEMICAL/ WATER	Packaged DrinkingWater	Phenolic Compounds as C ₆ H ₅ OH Total Phenols	IS 3025 (Pt. 43):1992 (RA 2002), APHA 24th ed. 2012 5530 C	0.0006 mg/L to 50 mg/L
1938.	CHEMICAL/ WATER	Packaged DrinkingWater	Selenium (Se)	IS 3025 (Pt. 56):2003, APHA 24th ed. Year 2023	0.005 mg/L to 50 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 251 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1939.	CHEMICAL/ WATER	Packaged DrinkingWater	Silver (Ag)	3113 B, APHA 24th ed. Year 2023 3125- B IS 13428 (Annex J):2005, APHA 24th ed. Year 2023 3113 B, APHA 24th ed. Year 2023 3111 B, APHA 24th ed. Year 2023 3125- B	0.005 mg/L to 50 mg/L
1940.	CHEMICAL/ WATER	Packaged DrinkingWater	Sodium (Na)	IS 3025 (Pt. 45):1993 (RA 2003), APHA 24th ed. 2012 3111 B	1 mg/L to 1000 mg/L
1941.	CHEMICAL/ WATER	Packaged DrinkingWater	Sodium (Na)	APHA 24th ed. Year 2023 3125- B	0.05 mg/L to 1000 mg/L
1942.	CHEMICAL/ WATER	Packaged DrinkingWater	Sulphate (SO42-)	IS 3025 (Pt. 24):1986 (RA 2003), APHA 24th ed. 4500-SO42- E/ :	2 mg/L to 1000 mg/L
1943.	CHEMICAL/ WATER	Packaged DrinkingWater	Sulphate (SO42-)	APHA 24th ed. Year 2023 4110 IC	0.5 mg/l to 1000 mg/l
1944.	CHEMICAL/ WATER	Packaged DrinkingWater	Sulphide (S2-)	IS 3025 (Pt. 29):1986 (RA 2003), APHA 24th ed. 4500-S2- D: 2023	0.05 mg/L to 20 mg/L
1945.	CHEMICAL/ WATER	Packaged DrinkingWater	Taste	IS 3025 (Pt. 8) (RA 2002): 1983	Qualitative :Agreeable/Disagreeable
1946.	CHEMICAL/ WATER	Packaged DrinkingWater	Total Alkalinity as CaCO3	APHA 24th ed. Year 2023 ,2320 - B	2 mg/L to 1000 mg/L

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 252 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1947.	CHEMICAL/ WATER	Packaged DrinkingWater	Total Alkalinity as CaCO ₃	IS 3025 (Pt. 23):1986 (RA 2003): 2003	2 mg/L to 1000 mg/L
1948.	CHEMICAL/ WATER	Packaged DrinkingWater	Total Dissolved Solids	IS 3025 (Pt.16):1984 (RA 2002), APHA 24th ed. , 2540 C: 2023	1mg/L to 10000 mg/L
1949.	CHEMICAL/ WATER	Packaged DrinkingWater	Turbidity	IS 3025 (Pt. 10):1984 (RA 2002), APHA 24th ed. , 2130 B: 2023	0 NTU to 4000 NTU
1950.	CHEMICAL/ WATER	Packaged DrinkingWater	Zinc (as Zn)	APHA 24th ed. Year 2023, 3125- B	0.01 mg/L to 100 mg/L
1951.	CHEMICAL/ WATER	Packaged DrinkingWater	Zinc (as Zn)	IS 3025 (Pt. 49):1994 (RA 2003), APHA 24th ed. 2023, 3111 B,	0.2 mg/L to 100 mg/L
1952.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine,	Inorganic iodide (as Sodium Iodide)	FSSAI Manual of method of analysis of Food Additives - 2016	0.05 % to 5 %
1953.	CHEMICAL/ WATER	Sunset Yellow, Erythrosine, Indigo Carmine, Beta carotene, Chlorophyll, Caramel	Mercury	IS 1699: 1995/AOAC 22nd Ed 999.10/AOAC 22nd EdEd 999.11/ PBTI/SOP/54:TP-33 ICPMS; Issue No. 01 date 02.05.2013	0.05 mg/kg to 5 mg/kg
1954.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine, Sunset Yellow, Erythrosine, Indigo Carmine,	Total Nitrogen	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 10 %

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 253 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
		Beta carotene, Chlorophyll, Caramel			
1955.	CHEMICAL/ WATER	Edible colours & flavours,	Ammonical Nitrogen		0.1 % to 10 %
1956.	CHEMICAL/ WATER	Tartrazine, Sunset Yellow, Erythrosine, Indigo Carmine, Beta carotene, Chlorophyll, Caramel	Arsenic	IS 1699: 1995/AOAC 22nd Ed 999.10/AOAC 22nd EdEd 999.11/ PBTI/SOP/54:TP-33 ICPMS; Issue No. 01 date 02.05.2013	1 mg/kg to 50 mg/kg
1957.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine,	Colour Intensity	FSSAI Manual of method of analysis of Food Additives - 2016	0.01 % to 1 %
1958.	CHEMICAL/ WATER	Sunset Yellow, Erythrosine, Indigo Carmine,	Combined Ether extracts	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 10 %
1959.	CHEMICAL/ WATER	Beta carotene, Chlorophyll, Caramel	Copper	FSSAI Manual of method of analysis of Food Additives - 2016	1 mg/kg to 50 mg/kg
1960.	CHEMICAL/ WATER		Dye Intermediates	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 10 %
1961.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine,	Fluorescein	FSSAI Manual of method of analysis of Food Additives - 2016	5 mg/kg to 50 mg/kg
1962.	CHEMICAL/ WATER	Sunset Yellow, Erythrosine, Indigo Carmine, Beta carotene, Chlorophyll, Caramel	Heavy Metals	IS 1699: 1995/AOAC 22nd Ed 999.10/AOAC 22nd EdEd 999.11/ PBTI/SOP/54:TP-33 ICPMS; Issue No. 01	5 mg/kg to 50 mg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 254 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
				date 02.05.2013	
1963.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine, Sunset Yellow,	Isatin Sulphonic acid	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 10 %
1964.	CHEMICAL/ WATER	Erythrosine, Indigo Carmine, Beta carotene, Chlorophyll, Caramel	Lead	IS 1699: 1995/AOAC 22nd Ed 999.10/AOAC 22nd EdEd 999.11/PBTI/SOP/54:TP-33 ICPMS; Issue No. 01 date 02.05.2013	1 mg/kg to 50 mg/kg
1965.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine,	Loss on drying at 135 °C	FSSAI Manual of method of analysis of Food Additives - 2016	1 % to 50 %
1966.	CHEMICAL/ WATER	Sunset Yellow, Erythrosine, Indigo Carmine,	Residual solvent	FSSAI Manual of method of analysis of Food Additives - 2016	10 mg/kg to 100 mg/kg
1967.	CHEMICAL/ WATER	Beta carotene, Chlorophyll, Caramel	Sodium chloride and Sodium sulphate	FSSAI Manual of method of analysis of Food Additives - 2016	1 % to 50 %
1968.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine,	Subsidiary dye contents	FSSAI Manual of method of analysis of Food Additives - 2016	1 % to 10 %
1969.	CHEMICAL/ WATER	Sunset Yellow, Erythrosine, Indigo Carmine,	Sulphated Ash	FSSAI Manual of method of analysis of Food Additives - 2016	0.05 % to 10 %
1970.	CHEMICAL/ WATER	Beta carotene, Chlorophyll, Caramel	Sulphur Dioxide	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 5 %



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	255 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1971.	CHEMICAL/ WATER	Edible colours & flavours, Tartrazine, Sunset Yellow, Erythrosine, Indigo Carmine, Beta carotene, Chlorophyll, Caramel	Total dye content	FSSAI Manual of method of analysis of Food Additives - 2016	10 % to 100 %
1972.	CHEMICAL/ WATER		Total Sulphur	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 50 %
1973.	CHEMICAL/ WATER		Water Insoluble Matter	FSSAI Manual of method of analysis of Food Additives - 2016	0.1 % to 10 %
1974.	CHEMICAL/ WATER		Zinc	IS 1699: 1995/AOAC 22nd Ed 999.10/AOAC 22nd EdEd 999.11/ PBTI/SOP/54:TP-33 ICPMS; Issue No. 01 date 02.05.2013	1 mg/kg to 50 mg/kg
1975.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Sweets & Confectionary	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal Products-2016	2.7 mg/Kg to 100 mg/Kg
1976.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals & Cereal Products, Sago, Cassava flour, Tapioca flour, Manihot flour and their products	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal Products-2016	2.7 mg/Kg to 100 mg/Kg
1977.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND	Meat & meat products, Meat preparations and meat products,	Saffrole	PBTI/SOP/64/TP-40 Issue No. 01 date 15.10.2013	1 mg/Kg to 15 mg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 256 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	AGRICULTURAL PRODUCTS	including poultry			
1978.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Spices, Food containing mace and nutmeg	Saffrole	PBTI/SOP/64/TP-40 Issue No. 01 date 15.10.2013	1 mg/Kg to 15 mg/Kg
1979.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats, Oils & Fats	Aflatoxin	AOAC (22nd Ed) 2013.05	5ug/Kg to 100ug/Kg
1980.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals & Food grains	Hydrocyanic acid	FSSAI Manual of Methods of Analysis of Cereal & Cereal Products-2016	2.7 mg/Kg to 100 mg/Kg
1981.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Carbaryl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1982.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Dichlorvos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 257 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1983.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Hexachlorocycle hexane and its Isomers	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1984.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Malathion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1985.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Chlorienvinphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1986.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Chlorpyrifos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1987.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	2,4D	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1988.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Ethion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 258 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
1989.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Atrazine	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1990.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Carbendazim	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1991.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Benomyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1992.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Carbofuran	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1993.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Cypermethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 259 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
1994.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Deltamethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1995.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Edifenphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1996.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Phenthoate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1997.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Phorate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1998.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Pirimiphos-methyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
1999.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Bitertanol	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 260 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2000.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Permethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2001.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Quinolphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2002.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Triazophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2003.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Iprodione	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2004.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Tridemorph	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	261 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2005.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Propiconazole	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2006.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Sulfosulfuron	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2007.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Trifluralin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2008.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Carbosulfan	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2009.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Tricyclazole	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2010.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Imidacloprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 262 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2011.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Butachlor	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2012.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Pendimethalin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2013.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Pretilachlor	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2014.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Thiamethoxam	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2015.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Anilophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 263 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2016.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Clodinafop-proparyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2017.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Isoprothiolane	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2018.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Triadimefon	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2019.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Isoproturon	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2020.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Ethofenprox	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2021.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Benfuracarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 264 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2022.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Tebuconazole	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2023.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Thiochlorprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2024.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Acetamiprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	5 ug/Kg to 1000 ug/Kg
2025.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Anilophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2026.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Azoxystrobin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for
Testing and Calibration Laboratories
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) Page No. 265 of 313
Validity 16.12.2023 to 24.07.2025 Last Amended on --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2027.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Benfuracarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2028.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Captan	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2029.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Difenoconazole	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	5 ug/Kg to 1000 ug/Kg
2030.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Fenpropathrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2031.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Fipronil	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	5 ug/Kg to 1000 ug/Kg
2032.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Flusilazole	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	5 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 266 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2033.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Hexaconazole	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2034.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Indoxacarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2035.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Iprodione	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2036.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Lambda cyhalothrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2037.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Methyl Parathion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	5 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 267 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2038.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Aldicarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2039.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Aldrin, dieldrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2040.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Chlordane	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2041.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Heptachlor	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2042.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Lindane (Gamma-HCH)	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2043.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Endosulfan	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 268 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2044.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Carbofuran	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2045.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Methomyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2046.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Captafol	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2047.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Ferbam	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2048.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Formothion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 269 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2049.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Simazine	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2050.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Diazinon	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2051.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	D.D.T	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2052.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Fenitrothion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2053.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Fenthion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2054.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Cereals, Pulses & Products	Methyl Parathion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 270 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2055.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Ethyl Parathion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2056.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Phosphamidon residues	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2057.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Products	Monocrotophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2058.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Anilofos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2059.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Atrazine	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 271 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2060.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Azoxystorbin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2061.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Benomyl	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2062.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	BHC- Alpha	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2063.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	BHC- Beta	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2064.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	BHC- Delta	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2065.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Fruits & Vegetables	Bifenthrin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 272 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2066.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Bitertinol	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2067.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Buprofezin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2068.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Carbendazim	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2069.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Carbosulfan	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2070.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorfenapyr	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 273 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2071.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorfenvinfos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2072.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorobenzelate	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2073.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorothalonil	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2074.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorpropham	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2075.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorpyrifos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2076.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Fruits & Vegetables	Clothianidin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 274 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2077.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorfenapyr	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2078.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorfenvinfos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2079.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorobenzelate	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2080.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorothalonil	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2081.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Chlorpropham	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 275 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2082.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Cyfluthrin(I,II,III,IV)	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2083.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Cyhalothrin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2084.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Cypermethrin(I,II,III,IV)	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2085.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Carbaryl	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2086.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	DDD(o,p)(p,p)	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2087.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Fruits & Vegetables	Deltamethrin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 276 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2088.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Dichlorovos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2089.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Dicofol	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2090.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Difenconazole	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2091.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Difenthiuron	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2092.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Dimethoate	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 277 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2093.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Dimethomorph	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2094.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Diuron	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2095.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Dodin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2096.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Edifenfos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2097.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Endrin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2098.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Fruits & Vegetables	Ethion	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 278 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2099.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Etofenprox	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2100.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fenamidone	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2101.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fenarimol	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2102.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fenazaquin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2103.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fenpropathrin	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 279 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2104.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fenvalerate	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2105.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fipronil	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2106.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Fonicamid	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2107.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Flusilazole	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2108.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Formothion	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2109.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Fruits & Vegetables	Hexaconazole	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 280 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2110.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Imidacloprid	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2111.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Indoxacarb	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2112.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Iprobenfos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2113.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Iprodione	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2114.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Iprovalicarb	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 281 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2115.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Kresoxim Methyl 1	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2116.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Lifenuron	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2117.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Malaoxon	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2118.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Malathion	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2119.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Methamidophos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2120.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Fruits & Vegetables	Methomyl	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 282 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2121.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Ethyl Parathion	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2122.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Phosphamidon residues	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2123.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Monocrotophos	PBTI/SOP/122:TP-86_GCMSMS Issue No. 02 date 07.08.2018	10 ug/Kg to 1000 ug/Kg
2124.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Hexachlorocycle hexane and its Isomers	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2125.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Chlorienvinphos	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 283 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2126.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Chlorpyrifos	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2127.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	2,4D	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2128.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Ethion	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2129.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Benomyl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2130.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Cypermethrin	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2131.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Milk & Milk Products	Fenvalerate	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	284 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2132.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Phenthoate	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2133.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Phorate	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2134.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Acephate (expressed as mixture of Methamidophos and acephate).	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2135.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Acetamiprid	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2136.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Azoxystrobin	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 285 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2137.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Sum of benomyl and carbendazim expressed as carbendazim	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5 ug/Kg to 500 µg/kg
2138.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Bifenthrin	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2139.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Bitertanol	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2140.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Buprofezin	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2141.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Carbaryl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5 ug/Kg to 500 µg/kg
2142.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Milk & Milk Products	Carbendazim	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	286 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2143.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2144.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Chlorothalonil	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2145.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Deltamethrin (Decamethrin)	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2146.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Dichlorvos (DDVP) (content of dichloroacetaldehyde (D.C.A.) be reported where possible)	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5 ug/Kg to 500 µg/kg
2147.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Difenoconazole	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5 ug/Kg to 500 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for
Testing and Calibration Laboratories
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) Page No. 287 of 313
Validity 16.12.2023 to 24.07.2025 Last Amended on --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2148.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Dimethoate	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2149.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Edifenphos	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2150.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Fenpropathrin	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5ug/Kg to 500 µg/kg
2151.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Fipronil	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2152.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Flusilazole	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2153.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Milk & Milk Products	Imidacloprid	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



**Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)**

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	288 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2154.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Indoxacarb	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2155.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Kresoxim Methyl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2156.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Methomyl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5 ug/Kg to 500 µg/kg
2157.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Propiconazole	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2158.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Tebuconazole	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5ug/Kg to 500 µg/kg



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 289 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2159.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Thiacloprid	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	5 ug/Kg to 500 µg/kg
2160.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Thiamethoxam	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2161.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Thiophanate-Methyl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2162.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Trichlorfon	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2163.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Triadimefon	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2164.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Milk & Milk Products	Pirimiphos-methyl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 290 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2165.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Aldicarb	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2166.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Aldrin, dieldrin	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2167.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Chlordane	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2168.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Heptachlor	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2169.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Lindane (Gamma-HCH)	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 291 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2170.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Endosulfan	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2171.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Carbofuran	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2172.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Methomyl	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 ug/kg
2173.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Captafol	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 ug/kg
2174.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Ferbam	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 ug/kg
2175.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Milk & Milk Products	Formothion	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 292 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2176.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Simazine	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2177.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Diazinon	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2178.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	D.D.T	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2179.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Fenitrothion	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2180.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Fenthion	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 293 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2181.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Methyl Parathion	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 1000 ug/Kg
2182.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Ethyl Parathion	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2183.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Phosphamidon residues	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2184.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Monocrotophos	PBTI/SOP/52:TP-31_GCMSMS Issue No. 01 date 31.10.2014	10 ug/Kg to 500 µg/kg
2185.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Chlorienvinphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2186.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Oilseeds	Chlorpyrifos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 294 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2187.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Acephate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2188.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Methamido-phos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2189.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Carbendazim	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2190.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Benomyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2191.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Carbofuran	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 295 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2192.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Cypermethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2193.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Deltamethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2194.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Phenthoate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2195.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Phorate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2196.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Alachlor	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2197.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Oilseeds	Bitertanol	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 296 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2198.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Chlorothalonil	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2199.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Diuron	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2200.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Methomyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2201.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Permethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2202.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Triazophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 297 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2203.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Profenofos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2204.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Fenpropathrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2205.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Iprodione	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2206.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Myclobutanil	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2207.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Imidacloprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2208.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Oilseeds	Metribuzin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 298 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2209.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Lambdacyhalothrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2210.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Spinosad	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2211.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Thiodicarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2212.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Acetamiprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2213.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	b-Cyfluthrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 299 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2214.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Bifenthrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2215.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Indoxacarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2216.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Novaluron	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2217.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Oilseeds	Thiochlorprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01, date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2218.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Chlorienvinphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2219.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Meat & its Products	Chlorpyrifos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 300 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2220.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	2,4D	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2221.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Ethion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2222.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Monocrotophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2223.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Carbendazim	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2224.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Benomyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 301 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2225.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Carbofuran	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2226.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Cypermethrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2227.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Edifenphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2228.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Fenvalerate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2229.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Phenthoate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2230.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Meat & its Products	Phorate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 302 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2231.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Pirimiphos-methyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2232.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Meat & its Products	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	0.1 mg/Kg to 5 mg/Kg
2233.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Carbonated Water	Hexachlorocycle hexane and its Isomers	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 29.09.2014	10 ug/Kg to 1000 ug/Kg
2234.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Carbonated Water	Malathion	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 29.09.2014	10 ug/Kg to 1000 ug/Kg
2235.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Carbonated Water	Chlorpyrifos	PBTI/SOP/84:TP-53_GCMSMS Issue No. 01 date 29.09.2014	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 303 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2236.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Coffee	Monocrotophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2237.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Tea	Ethion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2238.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Tea	Quinolphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2239.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Tea	Fenazaquin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2240.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Tea	Propargite	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2241.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Spices	Monocrotophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 304 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2242.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Spices	Quinolphos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2243.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	oils	Phosalone	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2244.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	oils	Phenthoate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2245.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	oils	Phorate	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2246.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	oils	Indoxacarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 305 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2247.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	oils	Novaluron	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2248.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	oils	Thiochlorprid	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2249.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Aldicarb	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2250.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Aldrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2251.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Dieldrin	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2252.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Proprietary food & Herbs	Chlordane	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 306 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2253.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Heptachlor	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2254.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Lindane Gamma-HCH	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2255.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Endosulfan	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2256.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Carbofuran	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2257.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Methomyl	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 307 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2258.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Phosphamidon	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2259.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Formothion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2260.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Diazinon	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2261.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	D.D.T	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2262.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Fenitrothion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2263.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Proprietary food & Herbs	Fenthion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 308 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2264.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Methyl Parathion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2265.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Ethyl Parathion	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2266.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Proprietary food & Herbs	Monocrotophos	PBTI/SOP/112:TP-76_GCMSMS Issue No. 01 date 10.04 2015	10 ug/Kg to 1000 ug/Kg
2267.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Tetracycline Group	PBTI/SOP/98:TP-62 LCMS-MS Issue No. 01 date 10.03.2015	12.5 µg/kg to 100 µg/kg
2268.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Chloroamphenicol	PBTI/SOP/91:TP-59 LCMS-MS Issue No. 01 date 22.01.2015	0.1 µg/kg to 3 µg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for
Testing and Calibration Laboratories
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) Page No. 309 of 313
Validity 16.12.2023 to 24.07.2025 Last Amended on --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2269.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Tetracycline Group	PBTI/SOP/51: TP-30 LCMSMS Issue No. 02 date 01.11.2014	2.5 µg/kg to 20 µg/kg
2270.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Chloremphenicol	PBTI/SOP/41:TP-23_ LCMSMS Issue No. 02 date 05.11.2014	0.27 µg/kg to 10 µg/kg
2271.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Metronidazole	PBTI/SOP/104:TP-68_ LCMSMS Issue No. 01 date 30.06.2015	0.5 µg/kg to 5.0 µg/kg
2272.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Nitrofurans and its metabolites	PBTI/SOP/114:TP-78_ LCMS/MS Issue No. 01 date 22.11.2015	0.5 µg/Kg to 5.0 µg/Kg
2273.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Streptomycin - Dihydrostreptomycin	PBTI/SOP/115:TP-79_ LCMS/MS Issue No. 01 date 25.02.2016	2.0 µg/Kg to 20.0 µg/Kg
2274.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Honey & Honey Based Products	Sulphonamide Group	PBTI/SOP/104:TP-68_ LCMSMS Issue No. 01 date 30.06.2015	5.0 µg/Kg to 50.0 µg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab

Accreditation Standard ISO/IEC 17025: 2017

Certificate No. TC-12762 (Integrated) **Page No.** 310 of 313

Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2275.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Tylosin- A	PBTI/SOP/103:TP-67_LCMS/MS Issue No. 01 date 25.06.2015	5.0 µg/Kg to 50.0 µg/Kg
2276.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Ampicillin	PBTI/SOP/159:TP-115_LCMSMS Issue No. 01 date 26.06.2019	5.0 µg/Kg to 50.0 µg/Kg
2277.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Enrofloxacin	PBTI/SOP/159:TP-115_LCMSMS Issue No. 01 date 26.06.2019	5.0 µg/Kg to 50.0 µg/Kg
2278.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Ciprofloxacin	PBTI/SOP/159:TP-115_LCMSMS Issue No. 01 date 26.06.2019	5.0 µg/Kg to 50.0 µg/Kg
2279.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Erythromycin	PBTI/SOP/159:TP-115_LCMSMS Issue No. 01 date 26.06.2019	5.0 µg/Kg to 50.0 µg/Kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 311 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2280.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Sulphonamide Group	PBTI/SOP/152:TP-108_LCMSMS Issue No. 01 date 22.02.2019	5.0 µg/Kg to 50.0 µg/Kg
2281.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Trimethoprim	PBTI/SOP/156:TP-112_LCMSMS Issue No. 01 date 21.01.2019	5.0 µg/Kg to 50.0 µg/Kg
2282.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enrofloxacin	PBTI/SOP/152:TP-108_LCMSMS Issue No. 01 date 22.02.2019	5.0 µg/Kg to 50.0 µg/Kg
2283.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Neomycine	PBTI/SOP/154:TP-110	10 ug/kg to 500ug/kg
2284.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Spectinomycin	PBTI/SOP/155:TP-111	10 ug/kg to 500ug/kg
2285.	CHEMICAL/ RESIDUES AND CONTAMINANTS	Milk & Dairy Products	Albendazole	PBTI/SOP/157:TP-113	10 ug/kg to 500ug/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



**National Accreditation Board for
Testing and Calibration Laboratories
&**



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab
Accreditation Standard ISO/IEC 17025: 2017
Certificate No. TC-12762 (Integrated) **Page No.** 312 of 313
Validity 16.12.2023 to 24.07.2025 **Last Amended on** --

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
	IN FOOD AND AGRICULTURAL PRODUCTS				
2286.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Fenbendazole	PBTI/SOP/156:TP-112	5 ug/kg to 100ug/kg
2287.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Ivermectin	PBTI/SOP/157:TP-113	10 ug/kg to 500ug/kg
2288.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Tetracycline group	PBTI/SOP/98:TP-62	10 ug/kg to 500ug/kg
2289.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Food Ready to Eat (RTE) and Ready to Cook (RTC) Foods	Ochratoxin A	AOAC 22nd EdEd 991.44_HPLC: 2012	10 µg/kg to 100 µg/kg
2290.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses and Cereal products	Deoxynivalenol	AOAC 22nd EdEd 986.17 :2012	0.5 mg/kg to 10 mg/kg

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for
Testing and Calibration Laboratories
&



Food Safety and Standards Authority of India
(Ministry of Health and Family Welfare, Govt. of India)

SCOPE OF ACCREDITATION

Laboratory Name	Punjab Biotechnology Incubator, Knowledge City, Sector-81, SAS Nagar, Mohali, Punjab		
Accreditation Standard	ISO/IEC 17025: 2017		
Certificate No.	TC-12762 (Integrated)	Page No.	313 of 313
Validity	16.12.2023 to 24.07.2025	Last Amended on	--

S.No.	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed/ Tests or type of Test Performed / Tests or type of tests Performed	Test Method Specification against which tests are performed and / or the techniques / equipment used	Range of Testing / Limits of Detection
2291.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses and Cereal products	Ochratoxin A	AOAC 22nd EdEd 991.44_HPLC: 2012	10 µg/kg to 100 µg/kg
2292.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses and Cereal products	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
2293.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Edible Colours & Flavors	Metals (Lead, Cadmium, Arsenic, Mercury, opper, Tin)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg
2294.	CHEMICAL/ RESIDUES AND CONTAMINANTS IN FOOD AND AGRICULTURAL PRODUCTS	Sugar & sugar Products	Metals (Lead, Cadmium, Arsenic, Mercury, Copper, Tin, Chromium)	AOAC (22nd Ed) 2015.01	0.1 mg/Kg to 50 mg/Kg

*NOTE: The Laboratory has demonstrated competence for the stated scope for **WATER**. This however **does not fully cover** the specification requirements of **BIS for the Packaged Drinking Water as per IS:14543 and the Packaged Natural Mineral Water IS:13428**.