



**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) INDIA

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

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Agricultural & Processed Food Products Export Development Authority

(Ministry of Commerce and Industry, Govt. of India)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025: 2017

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Validity 16.12.2023 to 24.07.2025

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

1.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Total Plate Count	Por Plate	≥10 cfu/g, ≥1 cfu/ml
2.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Coliform count	Pour Plate MPN	≥10 cfu/g, ≥1 cfu/ml, 0->110 MPN/g or per ml
3.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Enterobacteriaceae	Pour Plate	≥10 cfu/g, ≥1 cfu/ml
4.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Escherichia coli	Spreading/ Enrichment & Selective Isolation	≥10 cfu/g, ≥1 cfu/ml, Present/ Absent per g
5.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter,	Salmonella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm



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	PRODUCTS	Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)			
6.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Shigella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
7.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Staphylococcus aureus	Pour Plate / Spreading Enrichment & Selective Isolation	≥10 cfu/g, ≥1 cfu/ml , Present/ Absent per gm
8.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Yeast & Mould count	Pour Plate	≥10 cfu/g, ≥1 cfu/ml
9.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Bacillus cereus	Spreading	≥10 cfu/g, ≥1 cfu/ml
10.	BIOLOGICAL /	Milk & Milk	Thermophillic Plate Count	Pour Plate	≥10 cfu/g, ≥1 cfu/ml



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	FOOD AND AGRICULTURAL PRODUCTS	Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)			
11.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Thermoduric Plate Count	Pour Plate	>1 lpc/ml, >10 lpc/g
12.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Listeria monocytogenes	Enrichment & Selective Isolation	Present /Absent/ 25 g or 25 ml
13.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products (Milk, Milk powder, Butter, Ghee, Cheese, Yoghurt, Frozen dessert, UHT products)	Aerobic spore count (Bacillus cereus)	Spread Plate	≥10 cfu/g, ≥1 cfu/ml
14.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products)	Total Plate Count	Pour Plate	≥10 cfu/g



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15.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Pickles, Beverages, Jams & Jellies) Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Coliform count	Pour Plate MPN	≥10 cfu/g, ≥1 cfu/ml, 0->110 MPN/g or per ml
16.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Enterobacteriaceae	Pour Plate	≥10 cfu/g, ≥1 cfu/ml
17.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Escherichia coli	Spreading/ Enrichment & Selective Isolation	≥10 cfu/g, ≥1 cfu/ml, Present/ Absent per g
18.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages,	Salmonella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm



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19.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Jams & Jellies) Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Shigella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
20.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Staphylococcus aureus	Pour Plate / Spreading Enrichment & Selective Isolation	≥10 cfu/g, ≥1 cfu/ml , Present/ Absent per gm
21.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Yeast & Mould count	Pour Plate	≥10 cfu/g, ≥1 cfu/ml
22.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies)	Bacillus cereus	Spreading	≥10 cfu/g, ≥1 cfu/ml



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23.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables Products (Canned curried vegetables, Dehydrated & frozen Fruit and Vegetable products Pickles, Beverages, Jams & Jellies	Flat sour Organism	Pour Plate	≥10 cfu/g, ≥1 cfu/ml
24.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Surface & Hand swabs (Surface & Hand swabs)	Total Plate Count	Pour Plate	≥1 cfu/cm ²
25.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Surface & Hand swabs (Surface & Hand swabs)	Coliform count	Pour Plate	≥1 cfu/cm ²
26.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Surface & Hand swabs (Surface & Hand swabs)	Staphylococcus aureus	Enrichment & Selective Isolation	Present/ Absent /cm ²
27.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Total Plate Count	Pour Plate	≥10 cfu/g
28.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Coliform count	Pour Plate	≥10 cfu/g
29.	BIOLOGICAL / FOOD AND AGRICULTURAL	Cereal & Cereal Products (Rice, Atta Maida	Enterobacteriaceae	Pour Plate	≥10 cfu/g



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	PRODUCTS	Semolina, suji besan, pulses)			
30.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Escherichia coli	Enrichment & Selective Isolation	Present/ Absent per g
31.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Salmonella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
32.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Shigella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
33.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Staphylococcus aureus	Enrichment & Selective Isolation	Present/Ab sent per gram
34.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal Products (Rice, Atta Maida Semolina, suji besan, pulses)	Yeast & Mould count	Pour Plate	≥10 cfu/g
35.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Total Plate Count	Pour Plate	≥10 cfu/g
36.	BIOLOGICAL / FOOD AND	Nuts & Nuts Products (Almond,	Coliform count	Pour Plate	≥10 cfu/g



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	AGRICULTURAL PRODUCTS	cashew, resin, nuts)			
37.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Enterobacteriaceae	Pour Plate	≥10 cfu/g
38.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Escherichia coli	Enrichment & Selective Isolation	Present/ Absent per g
39.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Salmonella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
40.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Shigella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
41.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Staphylococcus aureus	Enrichment & Selective Isolation	Present/Ab sent per gram
42.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts Products (Almond, cashew, resin, nuts)	Yeast & Mould count	Pour Plate	≥10 cfu/g
43.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Total Plate Count	Pour Plate	≥10 cfu/g



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44.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Coliform count	Pour Plate	≥10 cfu/g
45.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Enterobacteriaceae	Pour Plate	≥10 cfu/g
46.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Escherichia coli	Enrichment & Selective Isolation	Present/ Absent per g
47.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Salmonella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
48.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Shigella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
49.	BIOLOGICAL / FOOD AND AGRICULTURAL	Spices & Condiments (Coriander powder,	Staphylococcus aureus	Enrichment & Selective Isolation	Present/Ab sent per gram



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	PRODUCTS	Turmeric powder, curry powder, Chilly powder)			
50.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments (Coriander powder, Turmeric powder, curry powder, Chilly powder)	Yeast & Mould count	Pour Plate	≥10 cfu/g
51.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments,	GM testing, Qualitative test for Presence/Absence of P35S, TNOS, Bar, Pat, CTP2-CP4-EPSPS	PBTI/SOP/101-TP-65 (RT-PCR based method)	0.1%
52.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Total Plate Count	Pour Plate	≥10 cfu/g
53.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Coliform count	Pour Plate	≥10 cfu/g
54.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	enterobacteriaceae	Pour Plate	≥10 cfu/g
55.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Escherichia coli	Enrichment & Selective Isolation	Present/ Absent per g
56.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Salmonella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm



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57.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Shigella	Enrichment & Selective Isolation	Present/Ab sent per 25 gm
58.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Staphylococcus aureus	Enrichment & Selective Isolation	Present/Ab sent per gram
59.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products (Biscuit, Bread, Rusk, cookies)	Yeast & Mould count	Pour Plate	≥10 cfu/g
60.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Pulses & cereal Products (Rice, Maize, Soya and their products)	GM testing, Qualitative test for Presence/Absence of P35S, TNOS, Bar, Pat, CTP2-CP4-EPSPS	PBTI/SOP/101-TP-65 (RT-PCR based method)	0.1%
61.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products	GM testing, Qualitative test for Presence/Absence of P35S, TNOS, Bar, Pat, CTP2-CP4-EPSPS	PBTI/SOP/101-TP-65 (RT-PCR based method)	0.1%
62.	BIOLOGICAL / FOOD AND AGRICULTURAL PRODUCTS	Oil & Fats;	GM testing, Qualitative test for Presence/Absence of P35S, TNOS, Bar, Pat, CTP2-CP4-EPSPS	PBTI/SOP/131-TP-93 (RT-PCR based method)	0.1%
63.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Fructose - Glucose Ratio	Titrimetric	0.5to 2
64.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Fiehe's Test	Chemical	0.5to 2



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65.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Moisture	Refractometer/ Gravimetric	1 % to 50 %
66.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Specific Gravity	Gravimetric	0.6to 2
67.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Optical Density	Spectrophotometer	0.02to 1.5
68.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Freedom from Foreign Matter	Physical	NA
69.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sucrose	Titrimetric	1 % to 85 %
70.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Ash	Gravimetric	0.1 % to 20 %
71.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Acidity	Titrimetric	0.05 % to 5 %
72.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Total Reducing Sugars	Titrimetric	1 % to 85 %



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73.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Hydroxyl Methyl Furfural Content (HMF)	Spectrophotometric	1-30%
74.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Conductivity	Conductivity meter	0.1 mS/cm to 1.8 mS/cm
75.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	color	Visual	NA
76.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Diastase Test	Spectrophotometer	1 Schade Unit to 8Schade Unit
77.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey based product	Moisture	Gravimetric method	1 % to 50 %
78.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey based products	Sucrose	Titrimetric Method	1 % to 85 %
79.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey based product	Ash	Gravimetric method	0.1 % to 20 %
80.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey based products	Acidity	Titrimetric	0.05 % to 5 %



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81.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey based products	Total Reducing Sugar	Titrimetric	1 % to 85 %
82.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	C4 Sugar (corn or cane)	EA-IRMS	Qualitative :2.1%(-0.3permil) to 13.6% (- 1.9permil) /1.000%
83.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	δ d13CProtein- Honey (‰)	EA-IRMS	0.1 permil to 4 permil/ \pm 0.05 ‰
84.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	δ d13Cmax (‰)	EA, LC-IRMS	-0.8 ‰ to 19.0 ‰/-0.4 ‰
85.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	2-Acetyl-3-Glucopyranoside (2-AFGP)/ 3-O-a- D Glucosyl Isomaltol as a Marker of Rice syrup	LCMS-MS	10 ug/kg to 1000 ug/kg/5 ug/kg
86.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Foreign Oligosaccharides (% peak)	LC-IRMS	0.7 % to 25 % /0.350%
87.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	δ d13CFructose- Glucose (‰)	LC-IRMS	-4.0 ‰ to 4 ‰/-2.0 ‰
88.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey & honey based products	pH	pH meter	1 to 14 /0.50



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89.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Tylosin A	LCMS-MS	5 ug/kg -50.ug/kg /3.42µg/kg
90.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Dihydrostreptomycin including Streptomycin	LCMS-MS	2ug/kg -25.ug/kg /2.0µg/kg
91.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulphonamides	LCMS-MS	5 ug/kg -50.ug/kg /2.4µg/kg
92.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfanilamide	LCMS-MS	5 ug/kg -50.ug/kg /2.4µg/kg
93.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfadiazine	LCMS-MS	5 ug/kg -50.ug/kg /2.0µg/kg
94.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfathiazole	LCMS-MS	5 ug/kg -50.ug/kg /2.0µg/kg
95.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfamerazine	LCMS-MS	5 ug/kg -50.ug/kg /2.03µg/kg
96.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfamethizole	LCMS-MS	5 ug/kg -50.ug/kg /2.5µg/kg



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97.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfamethazine	LCMS-MS	5 ug/kg -50.ug/kg /2.03µg/kg
98.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfamethoxyipyridazine	LCMS-MS	5 ug/kg -50.ug/kg /2.02µg/kg
99.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Sulfadoxine	LCMS-MS	5 ug/kg -50.ug/kg /2.14µg/kg
100.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Metronidazole	LCMS-MS	0.5 ug/kg -5.ug/kg /2.0 µg/kg
101.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Nitrofurans Aminohydantoin (AHD)	LCMS-MS	0.25 ug/kg -5.ug/kg /0.25µg/kg
102.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ)	LCMS-MS	0.25 ug/kg -5.ug/kg /0.25µg/kg
103.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Amino-oxazolidinone (AOZ)	LCMS-MS	0.25 ug/kg -5.ug/kg /0.25µg/kg
104.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Semicarbazide (SEM)	LCMS-MS	0.25 ug/kg -5.ug/kg /0.25µg/kg



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105.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Nifursol(DNSH)	LCMS-MS	0.25 ug/kg -5.ug/kg /0.25µg/kg
106.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Chloramphenicol	LCMS-MS	0.075 ug/kg - 1.5ug/kg /0.07 µg/kg
107.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Tetracycline's	LCMS-MS	2.5 ug/kg -20ug/kg /2.71 µg/kg
108.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Tetracycline (sum of Tetracycline and 4-epi-tetracycline)	LCMS-MS	2.5 ug/kg -20ug/kg /2.71 µg/kg
109.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Oxytetracyclines (Sum of Oxytetracycline 4-epi- Oxy tetracycline)	LCMS-MS	2.5 ug/kg -20ug/kg /2.64 µg/kg
110.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Chlortetracyclines (sum of Chlortetracyclines and 4-epi-Chlortetracycline)	LCMS-MS	2.5 ug/kg -20ug/kg /2.63 µg/kg
111.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Erythromycin	LCMS-MS	5 ug/kg -50 ug/kg /4.02µg/kg
112.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Ciprofloxacin	LCMS-MS	5 ug/kg -50 ug/kg /4.32µg/kg



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113.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Ampicillin	LCMS-MS	5 ug/kg -50 ug/kg /3.73µg/kg
114.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Enrofloxacin	LCMS-MS	6 ug/kg -50 ug/kg /3.09
115.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Cadmium	ICP-MS	3 µg/kg to 1000 µg/kg /1.5 µg/kg
116.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Lead	ICP-MS	20 µg/kg to 150 µg/kg /10 µg/kg
117.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Arsenic	ICP-MS	20 µg/kg to 150 µg/kg /10 µg/kg
118.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Lead	ICP-MS	20 µg/kg to 150 µg/kg /10 µg/kg
119.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Arsenic	ICP-MS	0.025 mg/kg to 0.2 mg/kg /0.0125 mg/kg
120.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey & Honey Based Products	Mercury	ICP-MS	0.025 mg/kg to 0.2 mg/kg /0.0125 mg/kg



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121.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Aldrin	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
122.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Dieldrin	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
123.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Chlorobenzilate	GCMSMS	10 µg/kg to 50 µg/kg /5 µg/kg
124.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	o,p'DDE	GCMSMS	25 µg/kg to 125 µg/kg /12.5 µg/kg
125.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	p,p'DDE	GCMSMS	25 µg/kg to 125 µg/kg /12.5 µg/kg
126.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	o,p'DDD	GCMSMS	25 µg/kg to 125 µg/kg /12.5 µg/kg
127.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	p,p'DDD	GCMSMS	25 µg/kg to 125 µg/kg /12.5 µg/kg
128.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	o,p'DDT	GCMSMS	25 µg/kg to 125 µg/kg/12.5 µg/kg



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129.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	p,p'DDT	GCMSMS	25 µg/kg to 125 µg/kg /12.5 µg/kg
130.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Alpha Endosulfan	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
131.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Beta Endosulfan	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
132.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Endosulfan Sulfate	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
133.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Alpha-HCH	GCMSMS	2.5 µg/kg to 12.5 µg/kg /1.25 µg/kg
134.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Beta-HCH	GCMSMS	2.5 µg/kg to 12.5 µg/kg /1.25 µg/kg
135.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Delta-HCH	GCMSMS	2.5 µg/kg to 12.5 µg/kg /1.25 µg/kg
136.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Gamma-HCH	GCMSMS	5 µg/kg to 25 µg/kg /1.25 µg/kg



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137.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Heptachlor	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
138.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Heptachlor Epoxide	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
139.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Hexachlorobenzene	GCMSMS	2.5 µg/kg to 12.5 µg/kg /1.25 µg/kg
140.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Vinclozolin	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
141.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	3,5-dichloroaniline	GCMSMS	5 µg/kg to 25 µg/kg /2.5 µg/kg
142.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Coumaphos	GCMSMS	50 µg/kg to 250 µg/kg /25 µg/kg
143.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Malathion	GCMSMS	10 µg/kg to 50 µg/kg /5 µg/kg
144.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Malaoxon	GCMSMS	10 µg/kg to 50 µg/kg /5 µg/kg



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145.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Phosalone	GCMSMS	25 µg/kg to 125 µg/kg /12.5 µg/kg
146.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Cyfluthrin(I,II,III,IV)	GCMSMS	3.5 µg/kg to 17.5 µg/kg /1.75 µg/kg
147.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Cyhalothrin	GCMSMS	3.5 µg/kg to 17.5 µg/kg /1.75 µg/kg
148.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Cypermethrin (I,II,III,IV)	GCMSMS	8.5 µg/kg to 42.5µg/kg /4.25 µg/kg
149.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Deltamethrin	GCMSMS	8.5 µg/kg to 42.5µg/kg /4.25 µg/kg
150.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Fenvalerate (Esfenvalreate)	GCMSMS	8.5 µg/kg to 42.5µg/kg /4.25 µg/kg
151.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Permethrin	GCMSMS	8.5 µg/kg to 42.5µg/kg /4.25 µg/kg
152.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Amitraz	GCMSMS	100µg/kg to 500µg/kg /50µg/kg



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153.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	PCBs	GCMSMS	1 µg/kg to 5µg/kg /0.5 µg/kg
154.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Carbaryl	GCMSMS	5 µg/kg to 100µg/kg /2.5 µg/kg
155.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Carbofuran	GCMSMS	5 µg/kg to 100µg/kg/ 2.5 µg/kg
156.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Honey	Propoxur	GCMSMS	5 µg/kg to 100µg/kg /2.5 µg/kg
157.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Moisture	Gravimetric	0.1 % to 40 %
158.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products,	Ash	Gravimetric	0.1– 15 %
159.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Total Solids	Gravimetric	0.2 – 99 %
160.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Insolubility Index	Chemical	0.1– 2.0 ml



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161.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Titrateable Acidity	Titrimetric	0.01– 5 %
162.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Total Milk Solids	Gravimetric	0.2 % to 99 %
163.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Milk Solids not Fat	Gravimetric (By calculation)	0.1 % to 90 %
164.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Acid Insoluble Ash	Gravimetric	0.1– 15 %
165.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Total Added Sugar	Titrimetric	0.5 % to 50 %
166.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Milk Protein	Titrimetric	0.5-70%
167.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Lactose	Titrimetric	0.5 % to 50 %
168.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Sucrose	Titrimetric Method	1-95%



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169.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Protein	Titrimetric Method	1 % to 40 %
170.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Phosphatase Test	Qualitative	NA
171.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products		Titrimetric	0.01 % to 5 %
172.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Energy	By calculation	1to 900 Kcal/100g
173.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Carbohydrates	By calculation	1 % to99 %
174.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products,	Total Sugar	Titrimetric	1 % to 95 %
175.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Scorched Particle	Refractometer	7.5 mg to 32.5 mg
176.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Chloestrol	GC	0.5 mg/kg



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177.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Vitamin E	HPLC	0.3 mg/kg to 12 mg/kg/0.3 mg/kg
178.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Cadmium	ICP-MS	20 µg/kg to 500 µg/kg /10 µg/kg
179.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Lead	ICP-MS	8.0 µg/kg to 500 µg/kg /4 µg/kg
180.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	Aflatoxin M1	LCMSMS	0.03 µg/kg to 0.3 µg/kg /0.02 µg/kg
181.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	PCB-28 (2,4,4' –PCB)	GCMSMS	2.5 µg/kg- 30 µg/kg /1.5 µg/kg
182.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	PCB-52 (2,2',5,5' –PCB)	GCMSMS	2.5 µg/kg- 30 µg/kg /1.5 µg/kg
183.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	PCB-101 (2,2',4,5,5' –PCB)	GCMSMS	2.5 µg/kg- 30 µg/kg /1.5 µg/kg
184.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	PCB-138 (2,2',3,4,4',5 – PCB)	GCMSMS	2.5 µg/kg- 30 µg/kg /1.5 µg/kg



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185.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	PCB-153 (2,2,4,4',5,5' – PCB)	GCMSMS	2.5 µg/kg- 30 µg/kg /1.5 µg/kg
186.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Milk Products	PCB-180 (2,2',3,4,4' ,5,5'– PCB)	GCMSMS	2.5 µg/kg- 30 µg/kg /1.5 µg/kg
187.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Arsenic	ICPMS	0.012 mg/kg to 0.15 mg/kg /0.006 mg/kg
188.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Mercury	ICPMS	0.012 mg/kg to 0.15 mg/kg /0.006 mg/kg
189.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Pesticide Residues	Aldrin	GCMS-MS	1.5 µg/kg to 18 µg/kg /0.75 µg/kg
190.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Dieldrin	GCMS-MS	1.5 µg/kg to 18 µg/kg /0.75 µg/kg
191.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Heptachlor	GCMS-MS	1.0 µg/kg to 12 µg/kg /0.5 µg/kg
192.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Lindane (γ-Hexachlorocyclohexane)	GCMS-MS	0.25 µg/kg to 3µg/kg /0.125 µg/kg



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193.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Alpha- Endosulphan	GCMS-MS	12.5 µg/kg to 150 µg/kg /6.25 µg/kg
194.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Beta- Endosulphan	GCMS-MS	12.5 µg/kg to 150 µg/kg /6.25 µg/kg
195.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Endosulphan sulphate	GCMS-MS	12.5 µg/kg to 150 µg/kg /6.25 µg/kg
196.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Chlordane (Trans, Cis)	GCMS-MS	0.5 µg/kg to 6 µg/kg /0.25 µg/kg
197.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Methoxychlor	GCMS-MS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
198.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Ethion	GCMS-MS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
199.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Diazinon	GCMS-MS	5 µg/kg to 60 µg/kg /2.5 µg/kg
200.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Melathion	GCMS-MS	5 µg/kg to 60 µg/kg /2.5 µg/kg



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201.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Methyl Parathion	GCMS-MS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
202.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Fenthion	GCMS-MS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
203.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Phorate	GCMS-MS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
204.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	α- BHC	GCMS-MS	0.25 µg/kg to 3 µg/kg /0.125 µg/kg
205.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	β- BHC	GCMS	0.25 µg/kg to 3 µg/kg /0.125 µg/kg
206.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Fenitrothion	GCMS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
207.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Primiphos methyl	GCMS	12.5 µg/kg to 150 µg/kg /6.25 µg/kg
208.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Chlorpyrifos	GCMS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg



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209.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Chlorfenvinfos	GCMS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
210.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Phenthoate	GCMS	2.5 µg/kg to 30 µg/kg /1.25 µg/kg
211.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	o,p-D.D.T	GCMS	10 µg/kg to 120 µg/kg /5 µg/kg
212.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	p,p-D.D.T	GCMS	10 µg/kg to 120 µg/kg /5 µg/kg
213.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	o,p-D.D.D	GCMS	10 µg/kg to 120 µg/kg /5 µg/kg
214.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	p,p-D.D.D	GCMS	10 µg/kg to 120 µg/kg /5 µg/kg
215.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	o,p-D.D.E	GCMS	10 µg/kg to 120 µg/kg /5 µg/kg
216.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	p,p-D.D.E	GCMS	10 µg/kg to 120 µg/kg /5 µg/kg



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217.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Cypermethrin	GCMS	12.5 µg/kg to 150 µg/kg /6.25 µg/kg
218.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Fenvalerate	GCMS	5 µg/kg to 60 µg/kg /2.5 µg/kg
219.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Carbendazim	GCMS	2.5 µg/kg to 15 µg/kg /1.5 µg/kg
220.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Benomyl	GCMS	2.5 µg/kg to 15 µg/kg /1.5 µg/kg
221.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk	Imidacloprid	GCMS	5 µg/kg to 30 µg/kg /2.5 µg/kg]
222.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Reichert Meissl Value	Titrimetric	1to 50
223.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Polenske Value	Titrimetric	0.5to 3.0
224.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Free Fatty Acid (As Oleic Acid)	Titrimetric	0.1 % to 5 %



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225.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Peroxide Value	Titrimetric	0.1 – 10 meq/kg
226.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Salt	Titrimetric	0.1 % to 10 %
227.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Insoluble impurities	Gravimetric	0.5 % to 5 %
228.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Saponification Value	Titrimetric	10 - 300
229.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Iodine Value	Titrimetric	10 - 300
230.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Unsaponifiable Matter	Titrimetric	0.2 % to 10 %
231.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Baudouin Test	Chemical	NA
232.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Curd	Gravimetric	0.1 % to 15 %



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233.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Butyro Refractometer Reading at 40 deg C	Refractometric	20to 60
234.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Vitamin C	Titrimetric	1 mg/100g to 1000 mg/100g
235.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Fat	Gravimetric	0.1 % to 40 %
236.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Crude Fiber	Gravimetric	0.01-40%
237.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Products	Vitamin C	Titrimetric	1 mg/100g to 100mg/100g
238.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Condensed Milk	Lactose Crystal	Microscopic	1%
239.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk and Cereal	Hypericine	HPLC	0.5 mg/kg- 20 mg/kg /0.15mg/kg
240.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk and Cereal	Saffrole	HPLC	0.5 mg/kg- 15 mg/kg /0.5mg/kg



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241.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk and Cereal	Agaric Acid	LCMSMS	20mg/kg- 100 mg/kg /10mg/kg
242.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Milk Powder	Vitamin A	HPLC-DAD	2 mg/kg to 80 mg/kg / 1ppm
243.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Moisture	Gravimetric/ Distillation	0.1-90%
244.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Ash	Gravimetric	0.1-25%
245.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Acidity	Titrimetric	0.01 -10%
246.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Total Reducing Sugars	Titrimetric	1 % to 90 %
247.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Protein	Titrimetric	1 % to 80 %
248.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Total Energy	By Calculation	1 Kcal/100g to 900 kcal/100g



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249.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Carbohydrates	By Calculation	1 % to 98%
250.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Fat	Gravimetric	0.1 % to 40 %
251.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Crude Fiber	Gravimetric	0.01 % to 40 %
252.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Dietry Fiber	Gravimetric & Titrimetric	1-30%
253.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables products	Vitamin C	Titrimetric	1 mg/100g to 100mg/100g
254.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables and their products	Lead	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.01 mg/kg
255.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables and their products	Arsenic	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.01 mg/kg
256.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables and their products	Cadmium	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.01 mg/kg



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257.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Acid Insoluble Ash	Gravimetric	0.01 % to 5 %
258.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Salt	Titrimetric Method	0.5to 30%
259.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Benzoic Acid	Titrimetric Method	50 mg/kg to 500 mg/kg
260.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Sodium chloride	Titrimetric Method	0.5to 30%
261.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Total Soluble solids	Refractrometer	1° brix to 80° brix
262.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Drained weight	Gravimetric	25 % to 80 %
263.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Peel in suspension	Gravimetric	2 % to 25 %
264.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Total Sugars	Titrimetric Method	1 % to 90 %



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265.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Sulphur dioxide	Titrimetric Method	10 mg/kg to 1000 mg /kg
266.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Cadmium	ICP-MS	20 µg/kg to 75 µg/kg /10 µg/kg
267.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Lead	ICP-MS	20 µg/kg to 150 µg/kg /10 µg/kg
268.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits & Vegetables	Arsenic	ICP-MS	20 µg/kg to 150 µg/kg /10 µg/kg
269.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fresh/ Frozen Fruits & Vegetables	GM testing, Qualitative test for Presence/Absence of P35S, TNOS, Bar, Pat, CTP2-CP4-EPSPS	PBTI/SOP/101-TP-65 (RT-PCR based method)	0.1%
270.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits, Juices & Concentrates	Moisture	Gravimetric method	1 % to 99 %
271.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Vitamin C	Titrimetric	1 mg/100gm to 1000 mg/100g
272.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Starch	Qualitative	NA



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273.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Acid Insoluble Ash	Gravimetric method	0.01 % to 5 %
274.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Salt	Titrimetric	0.5 % to 30 %
275.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Protein	Titrimetric	0.1 % to 40 %
276.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Energy	By calculation	1to 900 Kcal/100g
277.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Carbohydrates	By calculation	1% to99 %
278.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Juices & concentrates	Total Sugar	Titrimetric	1 % to 90 %
279.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Sulphur dioxide SO ₂	Titrimetric	10 mg/kg to 1000mg/kg
280.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit Juices & concentrates	Brix/Total Soluble solids	Refractometer	1°Brix to 80 °Brix



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281.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit, juices & concentrates		pH meter	1to 14 /0.5
282.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables	Agaric Acid	LCMSMS	20mg/kg to 100 mg/kg /10mg/kg
283.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables	Hypericine	HPLC	0.5 mg/kg to 20 mg/kg /0.15mg/kg
284.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables	Saffrole	HPLC	0.5 mg/kg to 15 mg/kg /0.5mg/kg
285.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables & their products, Ready to eat, canned food, Thermally processed	Total Aflatoxin B1	HPLC_by Kobra cell	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg
286.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables & their products, Ready to eat, canned food, Thermally processed	B2	Saffrole	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg
287.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruits and Vegetables & their products, Ready to eat, canned food, Thermally	G1	Saffrole	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg



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288.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	processed Fruits and Vegetables & their products, Ready to eat, canned food, Thermally processed	G2	Saffrole	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg
289.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	pH	pH meter	1-14
290.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Salt	Titrimetic	0.5-30 %
291.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Total Soluble Solids	Refractometer	1.0- 80°Brix
292.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Acidity	Titrimetic	0.01 -10%
293.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Drained Weight	Gravimetric	25 -80 %
294.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Moisture	Gravimetric	0.1-20%



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295.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Total Ash	Gravimetric	0.1 - 20%
296.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Fruit and Vegetable products, Pickles, Beverages, Jams & Jellies, Murabba	Acid Insoluble Ash	Gravimetric	0.1-5%
297.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food, Fortified Atta, Canned vegetables	Vitamin A	HPLC-DAD	2 mg/kg to 80 mg/kg / 1ppm
298.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	Vitamin D (Colecalciferol)	HPLC-DAD	30 ug/kg to 30 mg/kg / 15 ppm
299.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	Fatty Acid Profiling	HPLC-DAD	30 ug/kg to 30 mg/kg / 15 ppm
300.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	P_Linoleic_Acid	GC-FID	0.01 - 80 %
301.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	P_y-Linolenic_Acid	GC-FID	0.01 - 80 %
302.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	P_Linolenic_Acid	GC-FID	0.01 - 80 %



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303.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	P_Arachidonic_Acid	GC-FID	0.01 - 80 %
304.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	P_cis-11,14-Eicosadienoic_Acid	GC-FID	0.01 - 80 %
305.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	P_cis-8,11,14-Eicosatrienoic_Acid	GC-FID	0.01 - 80 %
306.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	P_cis-11,14,17-Eicosatrienoic_Acid	GC-FID	0.01 - 80 %
307.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	P_Cis13,16-Docosadienoic_Acid)	GC-FID	0.01 - 80 %
308.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	P_cis-5,8,11,14,17-Eicosapentenoic_Acid	GC-FID	0.01 - 80 %
309.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	P_cis-4,7,10,13,16,19-Docosahexaii	GC-FID	0.01 - 80 %
310.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Butyric_Acid	GC-FID	0.01 - 90 %



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311.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Caproic_Acid	GC-FID	0.01 - 90 %
312.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Caprylic_Acid	GC-FID	0.01 - 90 %
313.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Capric_Acid	GC-FID	0.01 - 90 %
314.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Undecanoic_Acid	GC-FID	0.01 - 90 %
315.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Lauric_Acid	GC-FID	0.01 - 90 %
316.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Tridecanoic_Acid	GC-FID	0.01 - 90 %
317.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Myristic_Acid	GC-FID	0.01 - 90 %
318.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Pentadecanoic_Acid	GC-FID	0.01 - 90 %



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319.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Palmitic_Acid	GC-FID	0.01 - 90 %
320.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Heptadecanoic_Acid	GC-FID	0.01 - 90 %
321.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Stearic_Acid	GC-FID	0.01 - 90 %
322.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Arachidic_acid	GC-FID	0.01 - 90 %
323.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Heneicosanoic_acid	GC-FID	0.01 - 90 %
324.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Behenic_Acid	GC-FID	0.01 - 90 %
325.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	S_Tricosanoic_acid	GC-FID	0.01 - 90 %
326.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	S_Lignoceric_acid	GC-FID	0.01 - 90 %



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327.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	T_Elaidic Acid	GC-FID	0.01 % to 15 %
328.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	T_Linolelaidic Acid	GC-FID	0.01 % to 15 %
329.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	M_Myristoleic Acid	GC-FID	0.01 - 70 %
330.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	M_cis-10-Pentadecanoic Acid	GC-FID	0.01 - 70 %
331.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	M_Palmetoleic Acid	GC-FID	0.01 - 70 %
332.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	M_cis-10-Heptadecanoic Acid	GC-FID	0.01 - 70 %
333.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	M_Oleic Acid	GC-FID	0.01 - 70 %
334.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	M_Cis-11-Eicosanoic Acid	GC-FID	0.01 - 70 %



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335.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food,	M_Erucic_Acid	GC-FID	0.01 - 70 %
336.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal Based Complementary Food	M_Nervonic_Acid	GC-FID	0.01 - 70 %
337.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Moisture	Gravimetric method	0.1 % to 20 %
338.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Ash	Gravimetric method	0.1 % to 20 %
339.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Acidity	Titrimetric	0.01 % to 5 %
340.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Alcoholic Acidity	Titrimetric	0.02 % to 5 %
341.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Starch	Titrimetric	10 % to 99 %
342.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Fat	Soxhlet	0.01 % to 25 %



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343.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Acid Insoluble Ash	Gravimetric method	0.02 % to 5 %
344.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Protein	Titrimetric	0.1 % to 40 %
345.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Carbohydrates	By calculation	1 % to 99 %
346.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Crude Fiber	Gravimetric method	0.01 % to 40 %
347.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal & Cereal products	Gluten	Gravimetric	1 % to 20 %
348.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals and Cereals Products	Water soluble Vitamins		
349.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals and Cereals Products	B1	HPLC	0.05 mg/100g to 3.0 mg/100g /0.25 mg/100g
350.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals and Cereals Products	B2	HPLC	0.05 mg/100g to 3.0 mg/100g /0.25 mg/100g



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351.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals and Cereals Products	B6	HPLC	0.05 mg/100g to 3.0 mg/100g /0.05 mg/100g
352.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereal	Extraneous matter (Organic & Inorganic), Mould, Living & Dead Insects, Insects damaged matter, Light seed, Brown seed, Red seed, weevilled, empty & Malformed capsules, Unripe & Marked fruits, Broken fruits seeds & fragments, Tendrils, Mother cloves, khokar cloves, headless cloves, split fruits, Damaged & discolored fruits, Light berries, Damaged berries, Other edible grains Detection of Kesari dal etc.	Visual / Gravimetric	0.1 % to 20 % /0.05%
353.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals	Total Aflatoxin B1	HPLC_by Kobra cell	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg
354.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals	B2	HPLC_by Kobra cell	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg
355.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Cereals	G1	HPLC_by Kobra cell	0.5 µg/kg to 6.0 µg/kg /0.25 µg/kg
356.	CHEMICAL /	Cereals	G2	HPLC_by Kobra cell	0.5 µg/kg to 6.0



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	FOOD AND AGRICULTURAL PRODUCTS				µg/kg/0.25 µg/kg
357.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Curried vegetables	Sudan Dyes (I)	LCMSMS	7.5 µg/kg to 100 µg/kg
358.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Curried vegetables	Sudan Dyes (II)	LCMSMS	7.5 µg/kg to 100 µg/kg
359.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Curried vegetables	Sudan Dyes (III)	LCMSMS	7.5 µg/kg to 100 µg/kg
360.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Curried vegetables	Sudan Dyes (IV)	LCMSMS	7.5 µg/kg to 100 µg/kg
361.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Moisture	Gravimetric method	0.1 % to 95 %
362.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Sucrose	Titrimetric Method	1 % to 95 %
363.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Ash	Gravimetric method	0.1 % to 20 %
364.	CHEMICAL /	Sugar &	Sulphated Ash	Gravimetric method	0.1 % to 20 %



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	FOOD AND AGRICULTURAL PRODUCTS	Confectionary Products			
365.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Acidity	Titrimetric	0.02 % to 5 %
366.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Total Reducing Sugar Total Reducing Sugar	Titrimetric	1 % to 95 %
367.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Fat	Soxhlet	0.01 % to 35 %
368.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Acid Insoluble Ash	Gravimetric method	0.01 % to 5.0 %
369.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Protein	Titrimetric	0.1 % to 40 %
370.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Energy	By calculation	1to 900 Kcal/100g
371.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Carbohydrates	By calculation	1 % to99 %
372.	CHEMICAL /	Sugar &	Sulphur dioxide SO ₂	Titrimetric	10 mg/kg to



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	FOOD AND AGRICULTURAL PRODUCTS	Confectionary Products			1000mg/kg
373.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Sugar & Confectionary Products	Brix/Total Soluble solids	Refractometer	1°Brix to 80 °Brix
374.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Moisture	Dean and stalk method	1 % to 40 %
375.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Ash	Gravimetric method	0.1 % to 25 %
376.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Starch	Titrimetric	0.5 % to 70 %
377.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Acid Insoluble Ash	Gravimetric method	0.01 % to 25 %
378.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Salt	Titrimetric	0.2 % to 10 %
379.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Protein	Titrimetric	0.1 % to 40 %
380.	CHEMICAL /	Spices &	Crude Fiber	Gravimetric method	1 % to 40 %



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	FOOD AND AGRICULTURAL PRODUCTS	condiments			
381.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Water Insoluble Ash	Gravimetric	0.01 % to 25 %
382.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Alcohol Soluble extract	Gravimetric	0.1 % to 50 %
383.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Volatile Oil		0.1 % to 30 %
384.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Non-volatile ether extract	Gravimetric	1 % to 70 %
385.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Cold water soluble extract	Gravimetric	0.1 % to 90 %
386.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Curcumin content	Spectrophotometric	0.5 % to 20 %
387.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & condiments	Presence of chromate	Qualitative	NA
388.	CHEMICAL /	Spices &	Extraneous matter (Organic	Visual / Gravimetric	0.1 % to 20 %



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	FOOD AND AGRICULTURAL PRODUCTS	Condiments	& Inorganic), Mould, Living & Dead Insects, Insects damaged matter, Light seed, Brown seed, Red seed, weevilled, empty & Malformed capsules, Unripe & Marked fruits, Broken fruits seeds & fragments, Tendrils, Mother cloves, khokar cloves, headless cloves, split fruits, Damaged & discolored fruits, Light berries, Damaged berries, Other edible grains Detection of Kesari dal etc.		/0.05%
389.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices	Total Aflatoxin (B1, B2, G1, G2)	HPLC	0.5 µg/kg to 20µg/kg /0.25µg/kg
390.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices	B2	HPLC	0.5 µg/kg to 20µg/kg /0.25µg/kg
391.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices	G1	HPLC	0.5 µg/kg to 20µg/kg /0.25µg/kg
392.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices	G2	HPLC	0.5 µg/kg to 20µg/kg /0.25µg/kg
393.	CHEMICAL / FOOD AND	Spices & Condiments	Agaric Acid	LCMSMS	20mg/kg to 100 mg/kg /10mg/kg



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	AGRICULTURAL PRODUCTS				
394.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Hypericine	HPLC	0.5 mg/kg to 20 mg/kg /0.15mg/kg
395.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Saffrole	HPLC	0.5 mg/kg to 15 mg/kg /0.5mg/kg
396.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products	Moisture	Gravimetric method	0.1 % to 10 %
397.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products	Ash	Gravimetric method	0.1 % to 10 %
398.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery Products	Vitamin C	Titrimetric	1 mg/100gm to 1000 mg/100g
399.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery products	Acidity	Titrimetric	0.01 % to 8 %
400.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery products	Acidity of extracted fat	Titrimetric	0.01 % to 5 %
401.	CHEMICAL / FOOD AND	Bakery Products	Dietary Fiber	Enzymatic method	1 % to 50 %



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	AGRICULTURAL PRODUCTS				
402.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery products	Sulphur dioxide SO ₂	Titrimetric	10 mg/kg to 1000mg/kg
403.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery	Acrylamide	LCMSMS	5 ug/kg to 75 ug/kg
404.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery	Agaric Acid	LCMSMS	20mg/kg to 100 mg/kg /10mg/kg
405.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery	Hypericine	HPLC	0.5 mg/kg to 20 mg/kg /0.15mg/kg
406.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery	Saffrole	HPLC	0.5 mg/kg to 15 mg/kg /0.5mg/kg
407.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary	Alcoholic Acidity	Titrimetric	0.02 % to 5 %
408.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary	Fat	Soxhlet	0.01 % to 35 %
409.	CHEMICAL / FOOD AND	Bakery & confectionary	Acid Insoluble Ash	Gravimetric method	0.01 % to 0.2 %



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	AGRICULTURAL PRODUCTS				
410.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary	Salt	Titrimetric	0.2 % to 10 %
411.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary	Protein	Titrimetric	0.1 % to 40 %
412.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary	Energy	By calculation	1to 900 Kcal/100g
413.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary	Carbohydrates	By calculation	1 % to99 %
414.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Bakery & confectionary	Total Sugar	Titrimetric	1 % to 80 %
415.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts products	Moisture	Gravimetric method	1 % to 50 %
416.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts products	Ash	Gravimetric method	0.01 % to 25 %
417.	CHEMICAL / FOOD AND	Nuts & Nuts products	Protein	Titrimetric	0.1 % to 40 %



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	AGRICULTURAL PRODUCTS				
418.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts products	Energy	By calculation	1to 900 Kcal/100g
419.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nuts products	Carbohydrates	By calculation	1 % to99 %
420.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Moisture	Gravimetric method	0.1 % to 50 %
421.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Ash	Gravimetric method	0.1 % to 20 %
422.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Vitamin C	Titrimetric	1mg/100gm to 1000 mg/100g
423.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Salt	Titrimetric	0.5% to 10%
424.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Protein	Titrimetric	0.1 % to 40 %
425.	CHEMICAL / FOOD AND	Ready to cook & Ready to eat foods	Total Sugar	Titrimetric	1 % to 90 %



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	AGRICULTURAL PRODUCTS				
426.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Brix/Total Soluble solids	Refractometer	1°Brix to 80 °Brix
427.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to cook & Ready to eat foods	Fat	Soxhlet	0.1 % to 90 %
428.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Agaric Acid	LCMSMS	20mg/kg to 100 mg/kg /10mg/kg
429.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Hypericine	HPLC	0.5 mg/kg to 20 mg/kg /0.15mg/kg
430.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Saffrole	HPLC	0.5 mg/kg to 15 mg/kg /0.5mg/kg
431.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat (RTE) and Ready to Cook (RTC) Foods	Lead	ICP-MS	0.05 mg/kg to 0.5 mg/kg /0.15 mg/kg
432.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat (RTE) and Ready to Cook (RTC) Foods	Cadmium	ICP-MS	0.05 mg/kg to 0.5 mg/kg /0.15 mg/kg
433.	CHEMICAL / FOOD AND	Ready to Eat (RTE) and Ready to Cook	Arsenic	ICP-MS	0.05 mg/kg to 0.5 mg/kg /0.15 mg/kg



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	AGRICULTURAL PRODUCTS	(RTC) Foods			
434.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat (RTE) and Ready to Cook (RTC) Foods	Mercury	ICP-MS	0.05 mg/kg to 0.5 mg/kg /0.15 mg/kg
435.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Infant foods	Vitamin C	Titrimetric	1mg/100gm to 1000 mg/100g
436.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Infant Foods and Complementary Foods	Lead	ICP-MS	0.02 mg/kg to 0.5 mg/kg /0.006 mg/kg
437.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Infant Foods and Complementary Foods	Cadmium	ICP-MS	0.016 mg/kg to 0.5 mg/kg /0.005 mg/kg
438.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Infant Foods and Complementary Foods	Tin	ICP-MS	0.2 mg/kg to 50 mg/kg /0.04 mg/kg
439.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Infant Foods and Complementary Foods	Arsenic	ICP-MS	0.02 mg/kg to 0.5 mg/kg/0.006 mg/kg
440.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Test for Argemone Oil	Thin-layer chromatography	NA
441.	CHEMICAL / FOOD AND	Oils & Fats	Test of Hydrocyanic acid (Ferric Chloride Test)	Qualitative	NA



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	AGRICULTURAL PRODUCTS				
442.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Refractive Index	Refractometer	1.3000to 1.7000
443.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	BR reading at 40°C	Refractometer	30.0-90.0
444.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Saponification value	Titrimetic	10 - 300
445.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Iodine value	Titrimetic	7 - 250
446.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Acid value	Titrimetic	0.1-30
447.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Unsaponifiable matter	Titrimetic	0.2 - 10%
448.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Bellier Test (Turbidity temperature-Acetic acid Method	Thermometer	1-40 degree celcius
449.	CHEMICAL / FOOD AND	Oils & Fats	faTTY Acid Profiling		



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	AGRICULTURAL PRODUCTS				
450.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_Linoleic_Acid	GC-FID	0.01 - 80 %
451.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_y-Linolenic_Acid	GC-FID	0.01 - 80 %
452.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_Linolenic_Acid	GC-FID	0.01 - 80 %
453.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_Arachidonic_Acid	GC-FID	0.01 - 80 %
454.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_cis-11,14-Eicosadienoic_Acid	GC-FID	0.01 - 80 %
455.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_cis-8,11,14-Eicosatrienoic_Acid	GC-FID	0.01 - 80 %
456.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_cis-11,14,17-Eicosatrienoic_Acid	GC-FID	0.01 - 80 %
457.	CHEMICAL / FOOD AND	Oils & Fats	P_Cis13,16-Docosadienoic_Acid)	GC-FID	0.01 - 80 %



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	AGRICULTURAL PRODUCTS				
458.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_cis-5,8,11,14,17-Eicosapentenoic_Acid	GC-FID	0.01 - 80 %
459.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	P_cis-4,7,10,13,16,19-Docosahexaaii	GC-FID	0.01 - 80 %
460.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Butyric_Acid	GC-FID	0.01 - 90 %
461.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Caproic_Acid	GC-FID	0.01 - 90 %
462.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Caprylic_Acid	GC-FID	0.01 - 90 %
463.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Capric_Acid	GC-FID	0.01 - 90 %
464.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Undecanoic_Acid	GC-FID	0.01 - 90 %
465.	CHEMICAL / FOOD AND	Oils & Fats	S_Lauric_Acid	GC-FID	0.01 - 90 %



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	AGRICULTURAL PRODUCTS				
466.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Tridecanoic_Acid	GC-FID	0.01 - 90 %
467.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Myristic_Acid	GC-FID	0.01 - 90 %
468.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Pentadecanoic_Acid	GC-FID	0.01 - 90 %
469.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Palmitic_Acid	GC-FID	0.01 - 90 %
470.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Heptadecanoic_Acid	GC-FID	0.01 - 90 %
471.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Stearic_Acid	GC-FID	0.01 - 90 %
472.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Arachidic_acid	GC-FID	0.01 - 90 %
473.	CHEMICAL / FOOD AND	Oils & Fats	S_Heneicosanoic_acid	GC-FID	0.01 - 90 %



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	AGRICULTURAL PRODUCTS				
474.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Behenic_Acid	GC-FID	0.01 - 90 %
475.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Tricosanoic_acid	GC-FID	0.01 - 90 %
476.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	S_Lignoceric_acid	GC-FID	0.01 - 90 %
477.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	T_Elaidic Acid	GC-FID	0.01 % to 15 %
478.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	T_Linolelaidic Acid	GC-FID	0.01 % to 15 %
479.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_Myristoleic_Acid	GC-FID	0.01 - 70 %
480.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_cis-10-Pentadecanoic_Acid	GC-FID	0.01 - 70 %
481.	CHEMICAL / FOOD AND	Oils & Fats	M_Palmetoleic_Acid	GC-FID	0.01 - 70 %



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	AGRICULTURAL PRODUCTS				
482.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_cis-10-Heptadecanoic_Acid	GC-FID	0.01 - 70 %
483.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_Oleic_Acid	GC-FID	0.01 - 70 %
484.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_Cis-11-Eicosanoic_Acid	GC-FID	0.01 - 70 %
485.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_Erucic_Acid	GC-FID	0.01 - 70 %
486.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	M_Nervonic_Acid	GC-FID	0.01 - 70 %
487.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Nickel	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.006 mg/kg
488.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Lead	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.006 mg/kg
489.	CHEMICAL / FOOD AND	Oils & Fats	Arsenic	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.006 mg/kg



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	AGRICULTURAL PRODUCTS				
490.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Cadmium	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.006 mg/kg
491.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Oils & Fats	Mercury	ICP-MS	0.02 mg/kg to 0.15 mg/kg /0.006 mg/kg
492.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Extraneous matter (Organic & Inorganic), Mould, Living & Dead Insects, Insects damaged matter, Light seed, Brown seed, Red seed, weevilled, empty & Malformed capsules, Unripe & Marked fruits, Broken fruits seeds & fragments, Tendrils, Mother cloves, khokar cloves, headless cloves, split fruits, Damaged & discolored fruits, Light berries, Damaged berries, Other edible grains Detection of Kesari dal etc.	Visual / Gravimetric	0.1 % to 20 % /0.05%
493.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Damaged & Discolored grains	Visual / Gravimetric	0.1 % to 20 % /0.05%
494.	CHEMICAL / FOOD AND AGRICULTURAL	Rice & Basmati Rice	Precook Length	Vernier Caliper	0.1 % to 20 % /0.05%



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	PRODUCTS				
495.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	L/B ratio	Vernier Caliper	0.1 % to 20 % /0.05%
496.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Broken & Fragment	Visual / Gravimetric	0.1 % to 20 % /0.05%
497.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Foreign matter	Visual / Gravimetric	0.1 % to 20 % /0.05%
498.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Green & Immature grains	Visual / Gravimetric	0.1 % to 20 % /0.05%
499.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Chalky rice	Visual / Gravimetric	0.1 % to 20 % /0.05%
500.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Black kernels	Visual / Gravimetric	0.1 % to 20 % /0.05%
501.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Under milled grains & red stripped grains	Visual / Gravimetric	0.1 % to 20 % /0.05%
502.	CHEMICAL / FOOD AND AGRICULTURAL	Basmati Rice	Paddy grains	Visual / Gravimetric	0.1 % to 20 % /0.05%



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	PRODUCTS				
503.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Other rice including Red grains	Visual / Gravimetric	0.1 % to 20 % /0.05%
504.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Weevilled grains	Visual / Gravimetric	0.1 % to 20 % /0.05%
505.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Elongation ratio	Visual / Gravimetric	0.1 % to 20 % /0.05%
506.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice & Basmati Rice	Other grains	Visual / Gravimetric	0.1 % to 20 % /0.05%
507.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Basmati Rice	Cadmium	ICP-MS	40 µg/kg to 1000 µg/kg /20 µg/kg
508.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Basmati Rice	Lead	ICP-MS	40 µg/kg to 375 µg/kg /20 µg/kg
509.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Basmati Rice	Arsenic	ICP-MS	40 µg/kg to 150 µg/kg /20 µg/kg
510.	CHEMICAL / FOOD AND AGRICULTURAL	Rice	Tricyclazole	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg



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511.	PRODUCTS CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Thiophanate-methyl	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
512.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Isoprothiolane	LCMS MS	20 µg/kg to 500 µg/kg /10 µg/kg
513.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Fonicamide	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
514.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Metconazole	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
515.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Prothioconazole	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
516.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Tebufoenoide	LCMS MS	20 µg/kg to 500 µg/kg /10 µg/kg
517.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Acephate	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
518.	CHEMICAL / FOOD AND AGRICULTURAL	Rice	Carbofuran	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg



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519.	PRODUCTS CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Carbofuran 3-hydroxy	LCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
520.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice/ Basmati Rice	Methamidophos	LCMS MS	5 µg/kg to 50 µg/kg /2.5 µg/kg
521.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice/ Basmati Rice	Thiamethoxam	LCMS MS	5 µg/kg to 50 µg/kg /2.5 µg/kg
522.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice/ Basmati Rice	Clothianidin	LCMS MS	5 µg/kg to 50 µg/kg /2.5 µg/kg
523.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice/ Basmati Rice	Carbofuran	LCMS MS	5 µg/kg to 50 µg/kg /1.25 µg/kg
524.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice/ Basmati Rice	Desthio- Prothioconazole	LCMS MS	5 µg/kg to 50 µg/kg /2.5 µg/kg
525.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice/ Basmati Rice	Carbosulfan	LCMS MS	5 µg/kg to 50 µg/kg /2.5 µg/kg
526.	CHEMICAL / FOOD AND AGRICULTURAL	Rice	Chlorpyrifos	GCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg



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527.	PRODUCTS CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Chlorpyrifos- Methyl	GCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
528.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Profenofos	GCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
529.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Propiconazole (I,II)	GCMS MS	5 µg/kg to 30 µg/kg /2.5 µg/kg
530.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Tebuconazole	GCMS MS	5 µg/kg to 30 µg/kg/2.5 µg/kg
531.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Pirimiphos Methyl	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
532.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Fenthion	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
533.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Quinalphos	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
534.	CHEMICAL / FOOD AND AGRICULTURAL	Rice	Butachlor	GCMSMS	25 µg/kg to 250 µg/kg /12.5 µg/kg



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535.	PRODUCTS CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Buprofezin	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
536.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Fenthion Sulfone	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
537.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Fenthion Sulphoxide	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
538.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Triazophos	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
539.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Bifenthrin	GCMSMS	5 µg/kg to 30 µg/kg /2.5 µg/kg
540.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Rice	Cyfluthrin (I,II,III,IV)	GCMSMS	10 µg/kg to 50 µg/kg /5 µg/kg
541.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Tea	Water Extract	Gravimetric	0.1- 60%
542.	CHEMICAL / FOOD AND AGRICULTURAL	Tea	Sugar	Titrimetic	1-95%



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543.	PRODUCTS CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Candy	Reducing Sugar	Titrimetic	1-95%
544.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Candy	pH	pH meter	41640
545.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Candy	Total Soluble Solids	Refractometer	1.0- 80°Brix
546.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Candy	Acidity	Titrimetic	0.01 -10%
547.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	isture	Gravimetric	0.1-10%
548.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Energy	By Calculation	1-900 Kcal/100g
549.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Carbohydrates	By Calculation	1-98%
550.	CHEMICAL / FOOD AND AGRICULTURAL	Biscuits	Fat	Gravimetric	0.01 – 35 %



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551.	PRODUCTS CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Sugar	Titrimetic	1-80%
552.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Acidity of extracted fat	Titrimetic	0.01 – 5 %
553.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Ash	Gravimetric	0.1-10%
554.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Acid Insoluble Ash	Gravimetric	0.01-0.2%
555.	CHEMICAL / FOOD AND AGRICULTURAL PRODUCTS	Biscuits	Vitamin C	Titrimetic	1 – 1000 mg/100g