National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : R. V. BRIGGS & COMPANY PVT. LTD., 9 BENTINCK STREET, THAIR MANSION, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 30/08/2021 to 29/08/2023 **Last Amended on** 08/01/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-9 BENTINCK STREET, THAIR MANSION, KOLKATA, WEST BENGAL, INDIA Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitory	Staphylococcus aureus	RVB/SOP/BIO-AIR EXPOSURE/05
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitory	Total Bacterial Count	RVB/SOP/BIO-AIR EXPOSURE/02
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitory	Total Coliform	RVB/SOP/BIO-AIR EXPOSURE/04
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air Monitory	Yeast & Mould Count	RVB/SOP/BIO-AIR EXPOSURE/03
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Hand Swab/ Machine swab/ Floor swab	Escherichia coli	RVB/SOP/BIO-SWAB/03
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Hand Swab/ Machine swab/ Floor swab	Staphylococcus aureus	RVB/SOP/BIO-SWAB/06
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Hand Swab/ Machine swab/ Floor swab	Total Bacterial Count	RVB/SOP/BIO-SWAB/04
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Hand Swab/ Machine swab/ Floor swab	Yeast & Mould	RVB/SOP/BIO-SWAB/05
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Hand Swab/ Machine swab/Floor swab	Coliform	RVB/SOP/BIO-SWAB/02
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Escherichia coli	APHA-9221F (23rd Edition)
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Escherichia coli	APHA-9222H (23rd Edition)
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Faecal Coliform	APHA-9221E (23rd Edition)
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Faecal Coliform	APHA-9222D (23rd Edition)

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14	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Coliform	APHA-9221B (23rd Edition)
15	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Coliform	APHA-9222B (23rd Edition)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 (Part 1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Coliform	IS 5401 (Part 1)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Plate Count/Total Bacterial Count	IS 5402
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beer/ Whisky/ Rum/ Wine/ Vodka/ Gin/ Toddy/ ENA/ Champaign/ Cocktails	Escherichia coli	IS 5887 (Part 1)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beer/ Whisky/ Rum/ Wine/ Vodka/ Gin/ Toddy/ ENA/ Champaign/ Cocktails	Mould Count	IS 5403
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beer/ Whisky/ Rum/ Wine/ Vodka/ Gin/ Toddy/ ENA/ Champaign/ Cocktails	Total Coliform	IS 5401 (Part 1)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beer/ Whisky/ Rum/ Wine/ Vodka/ Gin/ Toddy/ ENA/ Champaign/ Cocktails	Total Plate Count/Total Bacterial Count	IS 5402
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beer/ Whisky/ Rum/ Wine/ Vodka/ Gin/ Toddy/ ENA/ Champaign/ Cocktails	Yeast Count	IS 5403
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea/ Green Tea/ Flavored tea	Escherichia coli	IS 5887 (Part I)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea/ Green Tea/ Flavored tea	Total Coliform	IS 5401 (Part I)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea/ Green Tea/ Flavored tea	Total Plate Count	IS 5402
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea/ Green Tea/ Flavored tea	Yeast & Mould Count	IS 5403

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28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated beverages/ Non carbonated beverages/ Ready to serve beverages/	Escherichia coli	IS 5887 (Part 1)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated beverages/ Non carbonated beverages/ Ready to serve beverages/ Fruit beverages	Mould Count	IS 5403
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated beverages/ Non carbonated beverages/ Ready to serve beverages/ Fruit beverages	Total Coliform	IS 5401 (Part 1)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated beverages/ Non carbonated beverages/ Ready to serve beverages/ Fruit beverages	Total Plate Count/Total Bacterial Count	IS 5402
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated beverages/ Non carbonated beverages/ Ready to serve beverages/ Fruit beverages	Yeast Count	IS 5403
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Channa/Paneer/Milk Powder/Cheese/Curd/Yoghurt	Escherichia coli	IS 5887 (Part 1)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Channa/Paneer/Milk Powder/Cheese/Curd/Yoghurt	Total Coliform	IS 5401 (Part 1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Channa/Paneer/Milk Powder/Cheese/Curd/Yoghurt	Total Plate Count/Total Bacterial Count	IS 5402
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized milk, Boiled milk, Flavoured milk	Escherichia coli	IS 5887 (Part 1)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized milk, Boiled milk, Flavoured milk	Total Coliform	IS 5401 (Part 1)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Pasteurized milk, Boiled milk, Flavoured milk	Total Plate Count/Total Bacterial Count	IS 5402
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw Food/Semi Cooked food/Cooked Food (Meat, Fish, Prawns, Egg, Fruits and Vegetable)	Escherichia coli	IS 5887 (Part 1)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw Food/Semi Cooked food/Cooked Food (Meat, Fish, Prawns, Egg, Fruits and Vegetable)	Salmonella	IS 5887 Part 3
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw Food/Semi Cooked food/Cooked Food (Meat, Fish, Prawns, Egg, Fruits and Vegetable)	Total Coliform	IS 5401 (Part 1)

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42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Spices & Condiments	Salmonella	IS 5887 (Part 3)
43	BIOLOGICAL- WATER	Dialysis Water/ RO Water	Endotoxin	Limulus amoebocyte lysate (LAL) test Ref. ISO 13959,second edition 2009-04-15
44	BIOLOGICAL- WATER	Dialysis Water/ RO Water	Escherichia coli	APHA-9222H (23rd Edition)
45	BIOLOGICAL- WATER	Dialysis Water/ RO Water	Faecal Coliform	APHA-9222D (23rd Edition)
46	BIOLOGICAL- WATER	Dialysis Water/ RO Water	Total Coliform	APHA-9222B (23rd Edition)
47	BIOLOGICAL- WATER	Dialysis Water/ RO Water	Total Viable Count	APHA-9215B (23rd Edition)
48	BIOLOGICAL- WATER	Dialysis Water/ RO Water	Total Viable Count	IS 5402
49	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas aeruginosa	IS 13428 annex D
50	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella	IS 15187
51	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus aureus	IS 5887 (Part 2)
52	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Escherichia coli	APHA-9222H (23rd Edition)
53	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Escherichia coli	IS 15185
54	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Escherichia coli	IS 1622
55	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Faecal Coliform	APHA 9222D (23rd Edition)
56	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Faecal Coliform	IS 1622
57	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Staphylococcus aureus	IS 5887 (Part 2)
58	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Coliform	APHA 9222B (23rd Edition)
59	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Coliform	IS 15185
60	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Coliform	IS 1622
61	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Coliform	IS 5401(Part 1)

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62	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Plate Count/ Total Bacterial Count/ Total Viable Count/ Aerobic Microbial Count	IS 5402
63	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Plate Count/ Total Bacterial Count/ Total Viable Count/ Aerobic Microbial Count	APHA-9215B (23rd Edition)
64	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Total Plate Count/ Total Bacterial Count/ Total Viable Count/ Aerobic Microbial Count	APHA-9215D (23rd Edition)
65	BIOLOGICAL- WATER	Potable Water/ Bore well Water/ Tube well Water/ RO Water/ Ground Water/ Packaged Drinking Water	Yeast & Mould Count	IS 5403
66	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Escherichia coli	APHA-9221F (23rd Edition)
67	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Escherichia coli	APHA-9222H (23rd Edition)
68	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Escherichia coli	IS 1622
69	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Faecal Coliform	APHA-9221E (23rd Edition)
70	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Faecal Coliform	APHA-9222D (23rd Edition)
71	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Faecal Coliform	IS 1622
72	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Total Coliform	APHA-9221B (23rd Edition)
73	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Total Coliform	APHA-9222B (23rd Edition)
74	BIOLOGICAL- WATER	Surface Water/ River Water/ Pond Water/ Irrigation Water	Total Coliform	IS 1622
75	BIOLOGICAL- WATER	Swimming Pool Water	Coliform	IS 1622
76	BIOLOGICAL- WATER	Swimming Pool Water	Total Plate Count	APHA-9215B (23rd Edition)
77	BIOLOGICAL- WATER	Swimming Pool Water	Total Plate Count	IS 3328
78	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard Plate Count	IS 1622
79	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard Plate Count	IS 5402
80	BIOLOGICAL- WATER	Water for Processed Food Industry	Total Coliform	IS: 1622
81	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Acetylene in Air	IS 5182 (Part 17) By Gas Cromatograph
82	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Ammonia (NH3)	SOP No.: RVB/SOP/01/10 (Indophenol Method) Issue No. 04, Issue Date: 10.01.2018
83	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Arsenic (As)	SOP No.: RVB/SOP/01/16 (AAS Method) Issue No. 04, Issue Date: 10.01.2018
84	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Benzene (C6H6)	IS 5182 (Part 11)

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85	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Carbon monoxide (CO)	IS 5182 (Part 10) Non dispersive infra-red (NDIR) a spectroscopy
86	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Chlorine	IS 5182 (Part 19)
87	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Ethane in Air	IS 5182 (Part 17) By Gas Chromatography
88	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Ethylene in Air	IS 5182 (Part 17) By Gas Chromatography
89	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Iso-Butane in Air	IS 5182 (Part 17) By Gas Chromatography
90	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Lead (Pb)	IS 5182 (Part 22)
91	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Methane with C1 to C5 Hydrocarbons in Air	IS 5182 (Part 17) By Gas Chromatography
92	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Nickel (Ni)	SOP No.: RVB/SOP/01/15 (AAS Method) Issue No. 04, Issue Date: 10.01.2018
93	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Oxides of Nitrogen(NOx)	IS 5182 (Part 6)
94	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Ozone (O3)	IS 5182 (Part 9)
95	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Particulate matter (PM 2.5)	USEPA 1997a 40 CFR Part 50 Appendix L
96	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Particulate matter (RPM) PM10	IS 5182 (Part 23)
97	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Poly Nuclear Aromatic Hydrocarbon - Benzo-a-Pyrene(BaP)	IS 5182 (Part 12)
98	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Propane in Air	IS 5182 (Part 17) (By Gas Chromatography)
99	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Sulphur dioxide	IS 5182 (Part 2)
100	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air & Fugitive Air	Suspended Particulate matter (SPM)	IS 5182 (Part 4)
101	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Monitoring Ambient Area	Level LMax, LMin & Leq	IS 4758
102	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Monitoring Work Place Area	dß(A) level LMax, LMin & Leq	IS 4758

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103	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Acid Mist	SOP No.: RVB/SOP/01/20 Issue No. 04, Issue Date: 10.01.2018
104	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon monoxide	IS 13270 (By Orsat)
105	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon monoxide	USEPA 10
106	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride (Particulate & Gaseous)	IS 11255 (Part 5)
107	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Lead	USEPA 29
108	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Mercury as Hg	EPA Method 29
109	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
110	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter	IS 11255 : (Part 1)
111	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur dioxide	IS 11255 : (Part 2)
112	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 (Part 3)
113	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity &Flow rate	IS 11255 : (Part 3)
114	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission, Ambient Air & Fugitive Air, Compressed air, Oxygen gas, Nitrogen gas	Carbon dioxide	IS 13270(By Orsat)
115	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission, Ambient Air & Fugitive Air, Compressed air, Oxygen gas, Nitrogen gas	Oxygen	IS 13270 (By Orsat)
116	CHEMICAL- ATMOSPHERIC POLLUTION	Work Place Area	Illumination	IS: 3646 (Part 1)
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Acid insoluble ash	IS: 1155
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Alcoholic acidity	IS: 1155
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Gluten	IS: 1155

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120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Granularity	IS: 1155
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Moisture	IS: 1155
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Total Ash	IS: 1155
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer, Wine, Vodka, Whisky, Rum, Cordial, Grape spirit, Gin, Spirit distillate, Tequila	Ethyl alcohol content	IS:3752
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer, Wine, Vodka, Whisky, Rum, Cordial, Grape spirit, Gin, Spirit distillate, Tequila	Methyl alcohol content	IS:3752
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer, Wine, Vodka, Whisky, Rum, Cordial, Grape spirit, Gin, Spirit distillate, Tequila	pH	IS: 3865
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer, Wine, Vodka, Whisky, Rum, Cordial, Grape spirit, Gin, Spirit distillate, Tequila	Residue on evaporation	IS:3752
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer, Wine, Vodka, Whisky, Rum, Cordial, Grape spirit, Gin, Spirit distillate, Tequila	Specific gravity	IS:3506
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Beer, Wine, Vodka, Whisky, Rum, Cordial, Grape spirit, Gin, Spirit distillate, Tequila	Total Acidity as Tartaric acid	IS: 3752
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Acid Insoluble Ash	IS:12711
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Acidity of extracted fat	IS:12711
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Alcoholic acidity	IS:12711
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Carbohydrate	IS:1656
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Crude Fibre	IS:12711

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134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Energy	UNFAO-2015, ISSN 0254-4725, Chapter-3, Page No. 18 & Annex III, page No. 57 & 59
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Fat	IS:12711
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Moisture	IS:12711
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Protein	IS: 6287
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Reducing Sugar	IS: 6287
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Sulphated ash	IS:1656
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Fruity bread, Masala bread, Bun, Cake, Wafers, Pastry, Brownie, Muffin	Total Ash	IS:12711
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Acid Insoluble Ash	IS 13857
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Acid Insoluble Ash	ISO 1577
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Alkalinity of Water Soluble Ash as KOH	IS 13856
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Alkalinity of Water Soluble Ash as KOH	ISO 1578
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Carbohydrate	IS: 1656
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Copper	IS 11123
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Crude fibre	IS 16041

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148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Crude fibre	ISO: 15598
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Energy	UNFAO, Chapter-3, Page No-18 & Annex-III, Page No.57,79
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Fat	AOAC 21st Edition 925.18
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Iron filing	IS: 3633
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Lead	IS 12074
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Loss in Mass at 103°C	IS 13853
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Loss in Mass at 103°C	ISO 1573
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Protein	IS: 7219
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Total Ash	IS 13854
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Total Ash	ISO 1575
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Water extract	IS 13862
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Water extract	ISO 9768
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Water soluble ash of Total ash	IS 13855
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavored Tea	Water soluble ash of Total ash	ISO 1576

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162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Acid Insoluble Ash	IS: 1797
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Alcohol soluble extract	IS: 1797
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Cold water soluble extract	IS: 1797
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Crude fibre	IS: 1797
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Extraneous matter	IS: 1797
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Moisture	IS: 1797
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Non Volatile Ether extract	IS: 1797

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169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Starch	FSSAI Manual of Spices & Condiments Sl No. 16.5
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Total Ash	IS: 1797
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Volatile oil	IS: 1797
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway or Siahjira, Cardamom or Elaichi, Chillies & Capsicum, Cinnamon or Dalchini, Cassia, Cloves, Coriander, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Black pepper, Poppy, Saffron, Turmeric (Whole and powder), Curry powder, Mixed masala, Aniseed or Saunf, Ajowan, Dried Mango powder	Water insoluble ash	IS: 1797
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Milk Fat	IS: 10484
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Moisture	IS: 10484
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Titratable acidity	IS: 10484
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Acid Insoluble Ash	IS: 3077
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Alkalinity of Water Soluble Ash	IS: 3077
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Aqueous extract/ Water Soluble matter	IS: 3077

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179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Caffeine content	IS: 3077
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green raw or unroasted Coffee, Soluble Coffee Powder	Moisture	IS: 3077
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Solubility in Boiling water	IS 2791
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Solubility in Cold water at 16ºC ± 2ºC	IS 2791
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Total Ash	IS: 3077
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Soluble Coffee Powder	Water Soluble Ash	IS: 3077
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn flour, Starchy food, Custard powder	Acid insoluble ash	IS: 4706 Part 2
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn flour, Starchy food, Custard powder	Alcoholic acidity	IS: 4706 Part 2
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn flour, Starchy food, Custard powder	Moisture	IS: 4706 Part 2
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Corn flour, Starchy food, Custard powder	Total Ash	IS: 4706 Part 2
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Acid value	IS: 548 Part 1
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Bellier Turbidity Test (BTT)	IS: 548 Part 2

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191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	BR Reading	IS: 548 Part 1
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Clarity	IS: 548 Part 1
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Flash point	FSSAI Manual on Oils & Fats Sl No. 6.0
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Free Fatty acid as Oleic acid	IS: 548 Part 1
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Insoluble impurities	IS: 548 Part 1
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Iodine value	IS: 548 Part 1
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Melting point	IS: 548 Part 2

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198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Moisture	IS: 548 Part 1
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Peroxide value	IS: 548 Part 1
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Refractive Index at 40°C	IS: 548 Part 1
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Saponification value	IS: 548 Part 1
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Specific gravity	IS: 548 Part 1
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Mineral oil	IS: 548 Part 2
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Rancidity	IS: 548 Part 2

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205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Unsaponifiable matter	IS: 548 Part 1
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Castor oil	IS: 548 Part 2
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Cotton seed oil	IS: 548 Part 2
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Hydrocyanic acid	IS: 548 Part 2
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Karanja oil	IS: 548 Part 2
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Kusum oil	IS: 548 Part 2

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211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Neem oil	IS: 548 Part 2
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cotton seed oil, Coconut oil, Ground nut oil, Linseed oil, Mahua oil, Mustard oil, Olive oil, Poppy seed oil, Safflower seed oil, Taramira oil, Sesame or Til oil, Niger seed oil, Soyabean oil, Maize oil, Refined vegetable oil, Sunflower seed oil, Palm oil, Palmolein oil, Rice bran oil, Palm kernel oil, Almond oil, Watermelon seed oil, Blended edible vegetable oil	Test for Presence of Sesame oil	IS: 548 Part 2
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Acid insoluble ash	FSSAI Manual of Cereals & Cereals products
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Alcoholic acidity	FSSAI Manual of Cereals & Cereals products Sl no. 8.5
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Broken grain	IS: 4333 Part 1
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Carbohydrate	IS:1656
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Crude fibre	FSSAI Manual of Cereals & Cereals products Sl no. 8.8

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218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Damaged grain	IS: 4333 Part 1
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Discoloured grain	IS: 4333 Part 1
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Energy	UNFAO, ISSN 0254-4725, Chapter-3, Page No. 18 & Annex III, page No. 57 & 59
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Extraneous matter or Foreign matter	IS: 4333 Part 1
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Fat	AOAC 21st Edition 920.85
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Gluten	FSSAI Cereals & Cereals products Sl no. 8.4
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Granularity	IS: 1155

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225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Insect infestation or Weevilled grain	IS: 4333 Part 1
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Moisture	FSSAI Manual of Cereals & Cereals products Sl no. 2.0
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Other Edible grain	IS: 4333 Part 1
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Protein	IS: 7219
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Rodent hair and excreta	IS: 4333 Part 1
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food grains, Wheat, Maize, Jawar & Bajra, Whole Rice, Masur, Urd, Moong, Chana, Split pulse Arhar, Moong, Urd, Dal chana, Masur, Corn flour, Corn flakes, Custard powder, Macaroni products, Flours, Soybean, Soy protein products, Wheat protein products, Wheat gluten, Suji or Rawa, Atta, Maida, Besan	Total Ash	FSSAI Manual on Cereals & Cereals products
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit drinks	Fruit content	FSSAI Manual of Fruits & Vegetables Sl No. 2.11
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit drinks	Total Soluble Solids	FSSAI Manual of Fruits & Vegetables products Sl No. 1.6
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	BR Reading	IS: 3508

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234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Carbohydrate	IS:1656
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Energy	UNFAO, ISSN 0254-4725, Chapter-3, Page No. 18 & Annex III, page No. 57 & 59
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Free Fatty acid as Oleic acid	IS: 3508
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	IS: 3508
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Peroxide value	IS: 3508
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Polenske value	IS: 3508
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Protein	IS: 7219
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Refractive Index at 40°C	IS: 3508
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	RM value	IS: 3508
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Test for Presence of Sesame oil	IS: 3508
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Total Fat	AOAC 21st Edition 938.06
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity as Formic acid	IS: 4941
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe’s test	IS: 4941
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fructose Glucose ratio	IS: 4941

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248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	General Characteristics	IS: 4941
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS: 4941
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Optical density at 660 nm	IS: 4941
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Refractive index	IS: 4941
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific gravity	IS: 4941
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS: 4941
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Ash	IS: 4941
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Reducing Sugar	IS: 4941
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Milk Fat	IS: 2802
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Milk Protein	IS: 7219
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Total Solid	IS: 2802
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Carbohydrate	IS:1656
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Energy	UNFAO, ISSN 0254-4725, Chapter-3, Page No. 18 & Annex III, page No. 57 & 59
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Milk Fat	IS: 11721

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262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Milk Protein	IS: 7219
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Milk Solid Not Fat	AOAC 21st Edition 990.21
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Test for Detection of Urea	FSSAI Manual of Milk & Milk Products Sl No. 1.2.4.1
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Test for Presence of Added Starch	FSSAI Manual of Milk & Milk Products Sl No. 1.2.2.1
266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Test for Presence of Formaldehyde	FSSAI Manual of Milk & Milk Products Sl No. 1.2.17
267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Titratable acidity as Lactic acid	IS: 1165
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk (Raw, Sterilized, Pasteurized, Flavoured, Toned, Double Toned, Recombined, Condensed, Sweetened, Full cream, Skimmed)	Total Ash	IS: 1479 Part 2
269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida or Wheat flour	Acid insoluble ash	IS: 1009
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida or Wheat flour	Alcoholic acidity	IS: 1009
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida or Wheat flour	Gluten	IS: 1009
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida or Wheat flour	Granularity	IS: 1009
273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida or Wheat flour	Moisture	IS: 1009
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida or Wheat flour	Total Ash	IS: 1009
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Skimmed milk powder, Partly Skimmed milk powder	Milk Fat	IS: 11721

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276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Skimmed milk powder, Partly Skimmed milk powder	Milk Protein	IS: 7219
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Skimmed milk powder, Partly Skimmed milk powder	Moisture	IS: 16072
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Skimmed milk powder, Partly Skimmed milk powder	Titratable acidity as Lactic acid	IS 1165, Annex-B
279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Skimmed milk powder, Partly Skimmed milk powder	Total Ash	IS 1165, Annex-A
280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk powder, Skimmed milk powder, Partly Skimmed milk powder	Total Solid	IS 1165
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Raw Sugar	Iron filing	FSSAI Manual of Beverages, Sugar & Sugar products, Confectionery Sl No. 5.9
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Carbohydrate	IS:1656
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Energy	UNFAO, ISSN 0254-4725, Chapter-3, Page No. 18 & Annex III, page No. 57 & 59
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Fat	IS: 4684
285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Moisture	IS:1011
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Protein	IS: 7219
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Salt as NaCl	IS:7874 Part 2
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to eat foods, Pizza, Chips, Chanachur	Total Ash	IS: 12711
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar, Sugar boiled confectionery	Moisture	IS: 15279

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290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar, Sugar boiled confectionery	Sugar	IS: 6287
291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji or Rawa or Semolina	Acid insoluble ash	IS: 1010
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji or Rawa or Semolina	Alcoholic acidity	IS: 1010
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji or Rawa or Semolina	Gluten	IS: 1010
294	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji or Rawa or Semolina	Moisture	IS: 1010
295	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji or Rawa or Semolina	Total Ash	IS: 1010
296	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened carbonate beverage, Ready to eat fruit beverage, Squashes, Crusher drink, Fruit drink	Acidity	FSSAI Manual of Fruits and Vegetables products Sl No. 2.4
297	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened carbonate beverage, Ready to eat fruit beverage, Squashes, Crusher drink, Fruit drink	Container filled	FSSAI Manual of Fruits and Vegetables products Sl No. 1.3
298	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened carbonate beverage, Ready to eat fruit beverage, Squashes, Crusher drink, Fruit drink	pH	FSSAI Manual of Fruits and Vegetables products Sl No. 2.3
299	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened carbonate beverage, Ready to eat fruit beverage, Squashes, Crusher drink, Fruit drink	Total Soluble Solids	FSSAI Manual of Fruits and Vegetables products Sl No. 1.6
300	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Whole, Finger & Powder)	Curcumin content	IS: 10925
301	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Whole, Finger & Powder)	Lead chromate	IS: 3576
302	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese dioxide (MnO2)	IS 1473
303	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Alkalinity as CaC03	APHA 23rd Edition 2320 B

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304	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Ammoniacal Nitrogen as N	APHA 23rd Edition 4500 NH3 F
305	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Arsenic	APHA 23rd Edition ,3114C
306	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Bio assay	IS 6582 (Part 2)
307	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part 44)
308	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Boron	APHA 23rd Edition ,4500B
309	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Cadmium	APHA 23rd Edition,3111B
310	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Calcium	APHA 23rd Edition 3500- Ca B
311	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220B
312	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Chloride	APHA 23rd Edition 4500 Cl- B
313	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Chromium	APHA 23rd Edition, 3111 B
314	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Chromium Hexavalent	APHA 23rd Edition, 3500-Cr B
315	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Cobalt	APHA 23rd Edition 3111B
316	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Colour	APHA 23rd Edition 2120B
317	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Conductivity	APHA 23rd Edition 2510B
318	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Copper	APHA 23rd Edition ,3111B
319	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Cyanide	APHA 23rd Edition ,4500 CN E& F
320	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Fluoride	APHA 23rd Edition 4500 F– C
321	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Free Ammonia	APHA 23rd Edition 4500 NH3 F
322	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Iron	APHA 23rd Edition 3500-Fe B

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323	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Kjeldahl Nitrogen as N	APHA 23rd Edition 4500 Norg A
324	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Lead	APHA 23rd Edition ,3111B
325	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Magnesium	APHA 23rd Edition 3500 Mg B
326	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Manganese	APHA 23rd Edition 3111B
327	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Mercury	APHA 23rd Edition 3112B
328	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Nickel	APHA 23rd Edition , 3111 B
329	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Nitrate	APHA 23rd Edition 4500 NO3- D
330	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Odour	APHA 23rd Edition 2540C
331	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Oil and Grease	APHA 23rd Edition 5520 B
332	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	pH Value	APHA 23rd Edition 4500-H+ B
333	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Phenolic Compound	APHA 23rd Edition 5530 C
334	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Phosphorous as P	APHA 23rd Edition 4500 PD
335	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Potassium	APHA 23rd Edition 3500 K B
336	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Salinity	APHA 23rd Edition 2520B
337	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Selenium	APHA 23rd Edition 3114C
338	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Sodium	APHA 23rd Edition 3500 Na B
339	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Sodium absorption ratio	As per SOP RVB/SOP/03/45
340	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Sulphates	APHA 23rd Edition 4500 SO42- E
341	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Sulphide	APHA 23rd Edition 4500 S2-D

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342	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Temperature	IS 3025 (Part 9)
343	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Dissolved Solids	APHA 23rd Edition 2540C
344	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Hardness	APHA 23rd Edition 2340 C
345	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Residual Chlorine	APHA 23rd Edition 4500Cl G
346	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Suspended Solids	APHA 23rd Edition 2540D
347	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Total Volatile Solid	APHA 23rd Edition 2540C
348	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Turbidity	APHA 23rd Edition 2130B
349	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Vanadium	APHA 23rd Edition 3111D
350	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water, Effluent Treatment Plant, Sewage Treatment Plant	Zinc	APHA 23rd Edition ,3111B
351	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Bakery & confectionery products- Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Copper as Cu	RVB/SOP/06, Issue no. 01, dated: 02.05.2019
352	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Beverages (Alcoholic / Non-alcoholic) - Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol), Non-alcoholic (Sweetened Carbonated Beverages, Ready to eat Fruit Beverages, Squashes, Crushes, Fruit Drinks)	Iron as Fe	FSSAI Manual of Metals
353	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Coffee & Cocoa products, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Instant & Soluble Coffee Powder	Copper as Cu	RVB/SOP/06, Issue no. 01, dated: 02.05.2019:
354	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Coffee & Cocoa products, Roasted Coffee, Ground Coffee, Green Raw or unroasted Coffee, Instant & Soluble Coffee Powder	Zinc as Zn	RVB/SOP/06, Issue no. 01, dated: 02.05.2019:
355	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Sugar & Sugar Products - Misri, Sugar, Bura, Jaggry, Glucose, Syrup, Candy, Toffee, Caramalized Sugar, Cube, Sugar, Raw Sugar, Refined Sugar, Brown Sugar, Sugar Syrup	Chromium as Cr	RVB/SOP/06, Issue no. 01, dated: 02.05.2019:
356	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Sugar & Sugar Products - Misri, Sugar, Bura, Jaggry, Glucose, Syrup, Candy, Toffee, Caramalized Sugar, Cube, Sugar, Raw Sugar, Refined Sugar, Brown Sugar, Sugar Syrup	Copper as Cu	RVB/SOP/06, Issue no. 01, dated: 02.05.2019:

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357	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Raw, Processed, Instant), Black tea, Green Tea, Kangra Tea	Copper as Cu	IS 11123
358	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Raw, Processed, Instant), Black tea, Green Tea, Kangra Tea	Iron as Fe	RVB/SOP/06, Issue no. 01, dated: 02.05.2019:
359	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Raw, Processed, Instant), Black tea, Green Tea, Kangra Tea	Zinc as Zn	RVB/SOP/06, Issue no. 01, dated: 02.05.2019:
360	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Delta HCH	APHA- 6630 B (23rd edition)
361	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Dieldrin	APHA- 6630 B (23rd edition)
362	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Endosulfan (alpha)	APHA- 6630 B (23rd edition)
363	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Endosulfan (beta)	APHA- 6630 B (23rd edition)
364	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Endosulfan (sulphate)	APHA- 6630 B (23rd edition)
365	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Ethion	APHA- 6630 B (23rd edition)
366	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	Gamma – HCH (Lindane)	APHA- 6630 B (23rd edition)
367	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	op - DDT	APHA- 6630 B (23rd edition)
368	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	pp – DDD	APHA- 6630 B (23rd edition)
369	CHEMICAL- RESIDUES IN WATER	Borewell/ Tube well/ RO Water/ Surface/ Ground	pp - DDE	APHA- 6630 B (23rd edition)
370	CHEMICAL- RESIDUES IN WATER	Cooling Tower Water	Iron	IS 3025 (Part 53)
371	CHEMICAL- RESIDUES IN WATER	Cooling Tower Water	Manganese	IS 3025 (Part 59)
372	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Aluminium	IS 3025 (Part 55)
373	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Arsenic	IS 3025 (Part 37)
374	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Barium	APHA 23rd Edition 3111D
375	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Chromium	IS 3025 (Part 52)

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376	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Copper	IS 3025 (Part 42)
377	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Lead	IS 3025 (Part 47)
378	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Mercury	IS 3025 (Part 48)
379	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Selenium	IS 3025 (Part 56)
380	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Silver	IS 13428 (Annex J)
381	CHEMICAL- RESIDUES IN WATER	Dialysis Water	Zinc	IS 3025 (Part 49)
382	CHEMICAL- RESIDUES IN WATER	Drinking Water / Borewell/ Tubewell / RO Water/ Surface/ Ground and Irrigation Water	Chlorpyriphos	AOAC 2007.08
383	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Borewell/ Tube well/ RO Water/ Surface/ Ground	Butachlor	APHA- 6630 B 23rd edition)
384	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Borewell/ Tubewell/ RO Water/ Surface/ Ground	Alachlor	APHA- 6630 B (23rd edition)
385	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Borewell/ Tubewell/ RO Water/ Surface/ Ground	Aldrin	APHA- 6630 B (23rd edition)
386	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Borewell/ Tubewell/ RO Water/ Surface/ Ground	Alpha HCH	APHA- 6630 B (23rd edition)
387	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Boron	IS: 3025 (Part 57)
388	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Iron	IS 3025 (Part 53)
389	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Manganese	IS 3025 (Part 59)
390	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Iron	IS 3025 (Part 53)
391	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Silver	IS 13428 (Annex J)
392	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Strontiuam	APHA 23rd Edn. 3111D
393	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Tin	APHA 23rd Edn. 3111D
394	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Total Chromium	IS: 3025 (Part 52)

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395	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Vanadium	APHA 23rd Edn. 3111D
396	CHEMICAL- RESIDUES IN WATER	Potable Water / Bore well Water / RO Water / Ground Water	Zinc	IS 3025 (Part 49)
397	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Aluminium	IS 3025 (Part 55)
398	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Antimony	IS:13428(Annex G)
399	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Arsenic	IS 3025 (Part 37)
400	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Barium	APHA 23rd Edition 3111B
401	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Boron	IS 3025 (Part 57)
402	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Cadmium	IS 3025 (Part 41)
403	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Chromium	IS 3025 (Part 52)
404	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Chromium Hexavalent	IS 3025 (Part 52)
405	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Copper	IS 3025 (Part 42)
406	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Lead	IS 3025 (Part 47)
407	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Manganese	IS 3025 (Part 59)
408	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Mercury	IS 3025 (Part 48)
409	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Molybdenum	IS 3025 (Part 2)
410	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Nickel	IS:3025(Part 54)
411	CHEMICAL- RESIDUES IN WATER	Potable Water/ Bore well Water/ RO Water/ Ground Water	Selenium	IS 3025 (Part 56)
412	CHEMICAL- RESIDUES IN WATER	Potable Water/Drinking Water/ Borewell/ Tubewell/ RO Water/ Surface water / Ground Water	Beta HCH	APHA- 6630 B (23rd edition)
413	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Arsenic	IS 3025 (Part 37)

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414	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Cadmium	IS 3025 (Part 41)
415	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Chromium as Cr+6	IS 3025 (Part 52)
416	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Copper	IS 3025 (Part 42)
417	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Iron	IS 3025 (Part 53)
418	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Lead	IS 3025 (Part 47)
419	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Selenium	IS 3025 (Part 56)
420	CHEMICAL- RESIDUES IN WATER	Surface water, River water, Pond water	Zinc	IS 3025 (Part 49)
421	CHEMICAL- RESIDUES IN WATER	Swimming Pool Water	Aluminium	IS 3025 (Part 55)
422	CHEMICAL- RESIDUES IN WATER	Swimming Pool Water	Iron	IS 3025 (Part 53)
423	CHEMICAL- RESIDUES IN WATER	Swimming Pool Water	Lead	IS 3025 (Part 47)
424	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Arsenic	SOP No.: RVB/SOP/05/18, Issued no. 03
425	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Cadmium	SOP No.: RVB/SOP/05/20, Issued no. 03
426	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Calcium	SOP No.: RVB/SOP/05/28 Issue No. 03, Issue Date: 11.01.2018
427	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Calcium carbonate	IS 2720 (Part 23)
428	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Cation Exchange Capacity (CEC)	IS 2720 (Part 24)
429	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Chloride	SOP No.: RVB/SOP/05/35, Issued no. 03
430	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Chromium	SOP No.: RVB/SOP/05/21, Issued no. 03
431	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Copper	SOP No.: RVB/SOP/05/24, Issued no. 03
432	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Electrical Conductivity (EC)	IS 14767

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433	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Lead	SOP No.: RVB/SOP/05/19, Issued no. 03
434	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Magnesium	SOP No. : RVB/SOP/05/27 as per ICAR, 2011 (Dept. of Agriculture &Cooperation, Ministry of Agriculture, Govt. of India) Page: 104-105
435	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Mercury	SOP No.: RVB/SOP/05/17, Issued no. 03
436	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Nickel	SOP No.: RVB/SOP/05/23, Issued no. 03
437	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Nitrate	SOP No. : RVB/SOP/05/25 as per ICAR, 2011 (Dept. of Agriculture &Cooperation, Ministry of Agriculture, Govt. of India) Page: 92-93
438	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Nitrogen available	IS 14684
439	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Organic carbon/matter (chemical method)	IS 2720 (Part 22)
440	CHEMICAL- SOIL AND ROCK	Soil & Sludge	pH	IS 2720 (Part 26)
441	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Phosphorous (available)	SOP No.: RVB/SOP/05/14 as per ICAR, 2011 (Dept. of Agriculture &Cooperation, Ministry of Agriculture, Govt. of India) Page: 95-99
442	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Potassium	SOP No.: RVB/SOP/05/32 as per ICAR, 2011 (Dept. of Agriculture &Cooperation, Ministry of Agriculture, Govt. of India) Page: 99-100
443	CHEMICAL- SOIL AND ROCK	Soil & Sludge	SAR	IS 11624
444	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Sodium	SOP No.: RVB/SOP/05/36, Issued no. 03
445	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Soil moisture	IS 2720 (Part 2)

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446	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Soil texture analysis (% of sand, Silt & clay)	SOP No. : RVB/SOP/05/26 as per ICAR, 2011 (Dept. of Agriculture &Cooperation, Ministry of Agriculture, Govt. of India) Page: 67-70
447	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Sulphur	IS:14685
448	CHEMICAL- SOIL AND ROCK	Soil & Sludge	TKN	IS 14684
449	CHEMICAL- SOIL AND ROCK	Soil & Sludge	Total Soluble Sulphate	IS 2720 (Part 27)
450	CHEMICAL- SOIL AND ROCK	Soil /sludge	Bulk Density	IS 2720 (Part 28)
451	CHEMICAL- SOIL AND ROCK	Soil /sludge	Specific Gravity	IS 2720 (Part 3 Sec 1)
452	CHEMICAL- SOIL AND ROCK	Soil/sludge	Boron	SOP No.: RVB/SOP/05/33, Issued no. 03
453	CHEMICAL- SOIL AND ROCK	Soil/Sludge	Cyanide	ISO: 11262
454	CHEMICAL- SOIL AND ROCK	Soil/Sludge	Molybdenum	SOP No.: RVB/SOP/05/16, Issued no. 03
455	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Gross Calorific Value	IS 1350 (Part 2)
456	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Gross Calorific Value	ASTM D 5865
457	CHEMICAL- WATER	Cooling Tower Water	Chloride	IS 3025 (Part 32)
458	CHEMICAL- WATER	Cooling Tower Water	COD	APHA 23rd Edition 5220 B
459	CHEMICAL- WATER	Cooling Tower Water	Free Carbondioxide as CO2	APHA 23rd Edition 4500 - CO2 C
460	CHEMICAL- WATER	Cooling Tower Water	Free Carbondioxide as CO2	IS 3025 (Part 61)
461	CHEMICAL- WATER	Cooling Tower Water	O2 Absorbed in 4 hours.	IS 3025 (Part 63)
462	CHEMICAL- WATER	Cooling Tower Water	pH Value	IS: 3025 (Part 11)
463	CHEMICAL- WATER	Cooling Tower Water	Residual free chlorine	IS 3025 (Part 26)
464	CHEMICAL- WATER	Cooling Tower Water	Silica	IS 3025 (Part 35)
465	CHEMICAL- WATER	Cooling Tower Water	Sulphates	IS: 3025 (Part 24)
466	CHEMICAL- WATER	Cooling Tower Water	Temporary Hardness	IS 3025 (Part 21)
467	CHEMICAL- WATER	Cooling Tower Water	Total Dissolved Solids	IS 3025 (Part 16)
468	CHEMICAL- WATER	Cooling Tower Water	Total Hardness	IS 3025 (Part 21)

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469	CHEMICAL- WATER	Cooling Tower Water	Turbidity	IS 3025 (Part 10)
470	CHEMICAL- WATER	Demineralized Water/Distilled water/Reagent Grade Water	Colour retention of KMnO4	IS:1070 (Annex A)
471	CHEMICAL- WATER	Demineralized Water/Distilled water/Reagent Grade Water	Conductivity at 25 degree C	IS 3025 (Part 14)
472	CHEMICAL- WATER	Demineralized Water/Distilled water/Reagent Grade Water	pH Value at 25 degree C	IS: 3025 (Part 14)
473	CHEMICAL- WATER	Demineralized Water/Distilled water/Reagent Grade Water	Silica as SIO2	IS 3025 (Part 35)
474	CHEMICAL- WATER	Demineralized Water/Distilled water/Reagent Grade Water	Total Solids	IS 3025 (Part 15)
475	CHEMICAL- WATER	Dialysis Water	Chloramines	IS 3025 (Part 26)
476	CHEMICAL- WATER	Dialysis Water	Bicarbonate as CaCO3	IS: 3025 (Part 23)
477	CHEMICAL- WATER	Dialysis Water	Calcium	IS 3025 (Part 40)
478	CHEMICAL- WATER	Dialysis Water	Chloride as Cl	IS: 3025 (Part 32)
479	CHEMICAL- WATER	Dialysis Water	Fluoride	IS 3025 (Part 60)
480	CHEMICAL- WATER	Dialysis Water	Free Chlorine	IS 3025 (Part 26)
481	CHEMICAL- WATER	Dialysis Water	Magnesium	IS 3025 (Part 46)
482	CHEMICAL- WATER	Dialysis Water	Nitrate	IS 3025 (Part 34)
483	CHEMICAL- WATER	Dialysis Water	Potassium	IS 3025 (Part 45)
484	CHEMICAL- WATER	Dialysis Water	Sodium	IS 3025 (Part 45)
485	CHEMICAL- WATER	Dialysis Water	Sulphates	IS 3025 (Part 24)
486	CHEMICAL- WATER	Drinking water/Potable water/RO water	Alkalinity as CaC03	IS: 3025 (Part 23)
487	CHEMICAL- WATER	Drinking water/Potable water/RO water	Ammonia (as Total Ammonia-N)	IS 3025 (Part 34)
488	CHEMICAL- WATER	Drinking water/Potable water/RO water	Anionic Detergents (as MBAS)	IS 13428 Annex K
489	CHEMICAL- WATER	Drinking water/Potable water/RO water	Biochemical Oxygen Demand (BOD)	IS: 3025 (Part 44)
490	CHEMICAL- WATER	Drinking water/Potable water/RO water	Calcium	IS: 3025 (Part 40)
491	CHEMICAL- WATER	Drinking water/Potable water/RO water	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)
492	CHEMICAL- WATER	Drinking water/Potable water/RO water	Chloramines	IS: 3025 (Part 26)
493	CHEMICAL- WATER	Drinking water/Potable water/RO water	Chloride	IS 3025 (Part 32)
494	CHEMICAL- WATER	Drinking water/Potable water/RO water	Color	IS 3025 (Part 4)
495	CHEMICAL- WATER	Drinking water/Potable water/RO water	Conductivity	IS. 3025 (Part 14)
496	CHEMICAL- WATER	Drinking water/Potable water/RO water	Cyanide	IS 3025 (Part 27)
497	CHEMICAL- WATER	Drinking water/Potable water/RO water	Fluoride	IS 3025 (Part 60)

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498	CHEMICAL- WATER	Drinking water/Potable water/RO water	Hydrazine	IS: 3550
499	CHEMICAL- WATER	Drinking water/Potable water/RO water	M. Alkalinity	IS: 3025 (Part 23)
500	CHEMICAL- WATER	Drinking water/Potable water/RO water	Magnesium	IS 3025 (Part-46)
501	CHEMICAL- WATER	Drinking water/Potable water/RO water	Nitrate	IS 3025 (Part 34)
502	CHEMICAL- WATER	Drinking water/Potable water/RO water	Odour	IS 3025 (Part 5)
503	CHEMICAL- WATER	Drinking water/Potable water/RO water	Oil & Grease	IS: 3025 (Part 39)
504	CHEMICAL- WATER	Drinking water/Potable water/RO water	P. Alkalinity	IS: 3025 (Part 23)
505	CHEMICAL- WATER	Drinking water/Potable water/RO water	pH value	IS. 3025 (Part 11)
506	CHEMICAL- WATER	Drinking water/Potable water/RO water	Phenolic Compound	IS: 3025 (Part-43)
507	CHEMICAL- WATER	Drinking water/Potable water/RO water	Phosphate	APHA 23rd Edition 4500 PD
508	CHEMICAL- WATER	Drinking water/Potable water/RO water	Potassium	IS 3025 (Part 45)
509	CHEMICAL- WATER	Drinking water/Potable water/RO water	Reactive Silica	IS: 3025 (Part-35)
510	CHEMICAL- WATER	Drinking water/Potable water/RO water	Residual free chlorine	IS 3025 (Part 26)
511	CHEMICAL- WATER	Drinking water/Potable water/RO water	Silica	IS 3025 (Part-35)
512	CHEMICAL- WATER	Drinking water/Potable water/RO water	Sodium	IS 3025 (Part 45)
513	CHEMICAL- WATER	Drinking water/Potable water/RO water	Sulphate	RA 3025 (Part 24)
514	CHEMICAL- WATER	Drinking water/Potable water/RO water	Sulphide	IS 3025 (Part 29)
515	CHEMICAL- WATER	Drinking water/Potable water/RO water	Taste	IS: 3025 (Part 8)
516	CHEMICAL- WATER	Drinking water/Potable water/RO water	Total Dissolved Solids	IS 3025 (Part 16)
517	CHEMICAL- WATER	Drinking water/Potable water/RO water	Total Hardness	IS 3025 (Part 21)
518	CHEMICAL- WATER	Drinking water/Potable water/RO water	Turbidity	IS 3025 (Part 10)
519	CHEMICAL- WATER	Irrigation Water	Bicarbonate	IS 3025 (Part-23)
520	CHEMICAL- WATER	Irrigation Water	Calcium	IS: 3025 (Part 40)
521	CHEMICAL- WATER	Irrigation Water	Calcium carbonate	APHA 23rd Edition 2340C
522	CHEMICAL- WATER	Irrigation Water	Carbonate	IS 3025 (Part-23)
523	CHEMICAL- WATER	Irrigation Water	Chloride	IS 3025 (Part-32)
524	CHEMICAL- WATER	Irrigation Water	Conductivity	IS 3025 (Part 14)
525	CHEMICAL- WATER	Irrigation Water	Magnesium	IS 3025 (Part 46)
526	CHEMICAL- WATER	Irrigation Water	pH	IS 3025 (Part 11)
527	CHEMICAL- WATER	Irrigation Water	Potassium	IS 3025 (Part 45)

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528	CHEMICAL- WATER	Irrigation Water	SAR	SOP No.: RVB/SOP/05/28 Issue No. 03, Issue Date: 10.01.2018
529	CHEMICAL- WATER	Irrigation Water	Sodium	IS: 3025 (Part 45)
530	CHEMICAL- WATER	Irrigation Water	Sulphate	IS: 3025 (Part 24)
531	CHEMICAL- WATER	Irrigation Water	Sulphide	IS: 3025 (Part 29)
532	CHEMICAL- WATER	Irrigation Water	Suspended Solids	IS: 3025 (Part 15)
533	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids	IS: 3025 (Part 16)
534	CHEMICAL- WATER	Irrigation Water	Total Hardness	IS: 3025 (Part 21)
535	CHEMICAL- WATER	Surface water, River water, Pond water	Anionic Detergents (as MBAS)	IS 13428 (Annex K)
536	CHEMICAL- WATER	Surface water, River water, Pond water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
537	CHEMICAL- WATER	Surface water, River water, Pond water	Chloride	IS 3025 (Part 32)
538	CHEMICAL- WATER	Surface water, River water, Pond water	Color	IS 3025 (Part 4)
539	CHEMICAL- WATER	Surface water, River water, Pond water	Cyanide	IS 3025 (Part 27)
540	CHEMICAL- WATER	Surface water, River water, Pond water	Dissolved Oxygen	APHA 23rd Edition 4500 OC
541	CHEMICAL- WATER	Surface water, River water, Pond water	Dissolved Oxygen	IS: 3025 (Part-38)
542	CHEMICAL- WATER	Surface water, River water, Pond water	Fluoride	IS 3025 (Part 60)
543	CHEMICAL- WATER	Surface water, River water, Pond water	Nitrate	IS 3025 (Part 34)
544	CHEMICAL- WATER	Surface water, River water, Pond water	Oil and Grease	APHA 23rd Edition 5520 B
545	CHEMICAL- WATER	Surface water, River water, Pond water	Oil and Grease	IS 3025 (Part 39)
546	CHEMICAL- WATER	Surface water, River water, Pond water	pH Value	IS: 3025 (Part 11)
547	CHEMICAL- WATER	Surface water, River water, Pond water	Phenolic Compound	IS 3025 (Part 43)
548	CHEMICAL- WATER	Surface water, River water, Pond water	Salinity	APHA 23rd Edition 2520B
549	CHEMICAL- WATER	Surface water, River water, Pond water	Sulphates	IS 3025 (Part 24)
550	CHEMICAL- WATER	Surface water, River water, Pond water	Total Dissolved Solids	IS 3025 (Part 16)
551	CHEMICAL- WATER	Swimming Pool Water	Alkalinity as CaC03	IS 3025 (Part 23)
552	CHEMICAL- WATER	Swimming Pool Water	Chloride	IS 3025 (Part 32)
553	CHEMICAL- WATER	Swimming Pool Water	Colour	IS 3025 (Part 4)
554	CHEMICAL- WATER	Swimming Pool Water	Oxygen Absorbed in 4 hrs at 37°C	IS 3025 (Part 63)
555	CHEMICAL- WATER	Swimming Pool Water	pH Value	IS 3025 (Part 11)
556	CHEMICAL- WATER	Swimming Pool Water	Residual free chlorine	IS 3025 (Part 26)

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557	CHEMICAL- WATER	Swimming Pool Water	Total Dissolved Solids	IS 3025 (Part 16)
558	CHEMICAL- WATER	Swimming Pool Water	Turbidity	IS 3025 (Part 10)
559	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS: 3025 (Part 32)
560	CHEMICAL- WATER	Water for construction purpose	Inorganic matter	IS: 3025 (Part 18)
561	CHEMICAL- WATER	Water for construction purpose	Neutralisation value against 0.02 (N) H2SO4 using Mixed indicator	IS: 3025 (Part 22)
562	CHEMICAL- WATER	Water for construction purpose	Neutralisation value against 0.02 (N) NaOH using Phenolphthalein	IS: 3025 (Part 22)
563	CHEMICAL- WATER	Water for construction purpose	Organic matter	IS: 3025 (Part 18)
564	CHEMICAL- WATER	Water for construction purpose	pH Value	APHA 22nd Edition 4500-h+B
565	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO4	IS: 3025 (Part 24)
566	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS: 3025 (Part 17)
567	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Breakdown Voltage (BDV)	IS 6792
568	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Flash Point	IS 1448 (Part 21)
569	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Kinematic Viscosity	IS 1448 (Part 25)
570	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Moisture	IS 13567
571	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Resistivity	IS 6103
572	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer Oil	Tan Delta	IS 6262
573	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity	IS 1448 (Part 2)

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LOCATION 2 - 6, WATERLOO STREET, KOLKATA, WEST BENGAL, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Alumina as Al2O3	SOP No.: RVB/SOP/11/04, Issued no. 01
2	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Lime as CaO	SOP No.: RVB/SOP/11/06, Issued no. 01
3	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Loss on Ignition	IS 1727
4	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Magnesia as MgO	SOP No.: RVB/SOP/11/07, Issued no. 01
5	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Oxide of Iron as Fe2O3	SOP No.: RVB/SOP/11/03, Issued no. 01
6	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Phosphate as P2O5	SOP No.: RVB/SOP/11/09, Issued no. 01
7	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Potash as K2O	IS: 3812 (Part-1), Annex C
8	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Silica as SiO2	IS 1727
9	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Soda as Na2O	IS: 3812 (Part-1), Annex C
10	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Sulphate as SO3	IS 1727
11	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Titanium Oxide as TIO2	SOP No.: RVB/SOP/11/05, Issued no. 01
12	CHEMICAL- BUILDING MATERIAL	Fly Ash / Bottom Ash/ Scaling sample/ Deposit	Unburn Carbon	SOP No.: RVB/SOP/11/12, Issued no. 01
13	CHEMICAL- ORES & MINERALS	Iron ores	Aluminium Oxide (Al2O3)	IS 1493 (Part 1)
14	CHEMICAL- ORES & MINERALS	Iron ores	Iron (Fe)	IS 1493 (Part 1)
15	CHEMICAL- ORES & MINERALS	Iron ores	Moisture	IS 1493 (Part 1)
16	CHEMICAL- ORES & MINERALS	Iron ores	Phosphorous (P)	IS 1493 (Part 1)
17	CHEMICAL- ORES & MINERALS	Iron ores	Silica (SiO2)	IS 1493 (Part 1)
18	CHEMICAL- ORES & MINERALS	Iron ores	Sulphur (S)	IS 1493 (Part 1)

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19	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	CaO	IS 1760 (Part 3)
20	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	LOI	IS 1760 (Part 1)
21	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	MgO	IS 1760 (Part 3)
22	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	SiO2	IS 1760 (Part 2)
23	CHEMICAL- ORES & MINERALS	Manganese ores	Aluminium Oxide (Al2O3)	IS 1473
24	CHEMICAL- ORES & MINERALS	Manganese ores	Iron (Fe)	IS 1473
25	CHEMICAL- ORES & MINERALS	Manganese ores	Manganese (Mn)	IS 1473
26	CHEMICAL- ORES & MINERALS	Manganese ores	Moisture	IS 1473
27	CHEMICAL- ORES & MINERALS	Manganese ores	Phosphorous (P)	IS 1473
28	CHEMICAL- ORES & MINERALS	Manganese ores	Silica (SiO2)	IS 1473
29	CHEMICAL- ORES & MINERALS	Manganese ores	Sulphur (S)	IS 1473
30	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Ash	ASTM D 3174
31	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Ash	IS 1350 (Part I)
32	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Determination of Total Sulphur	IS 1350 (Part 3)
33	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Fixed carbon	IS 1350 (Part I)
34	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Moisture (Air Dry Basis)	ASTM D 3173
35	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Moisture (Air Dry Basis)	IS 1350 (Part I)
36	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Volatile matter	ASTM D 3175
37	CHEMICAL- SOLID FUELS	Coal & Coke & Other Solid Fuel	Volatile matter	IS 1350 (Part I)

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.