National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHANTI INSTITUTE FOR TESTING & RESEARCH, 12B, GALI NO.-1, JAWAHAR NAGAR, HISAR, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
Permanent Facility				
1	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Acid Insoluble Ash	IS 7874(Part-1)
2	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Cadmium(cd)	FSSAI Lab Manual
3	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Carbohydrate	IS 1656
4	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Chromium(Cr)	FSSAI Lab Manual
5	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Copper(Cu)	FSSAI Lab Manual
6	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Crude Fat	IS 7874(Part-1)
7	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Crude Fibre	IS 7874(Part-1)
8	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Crude Protein	IS 7874(Part-1)
9	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Energy	IS 8220
10	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Iodine	IS 7224
11	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Lead(Pb)	FSSAI Lab Manual
12	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Moisture	IS 7874(Part-1)
13	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Nickel(Ni)	FSSAI Lab Manual
14	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Salt as (Nacl)	IS 7874(Part-1)
15	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Starch	IS 4706(Part-2)
16	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Total Ash	IS 7874(Part-1)
17	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Urea	IS 7874(Part-1)
18	CHEMICAL- ANIMAL FOOD & FEEDS	Compounded Feed, Cattle Feed, Poultry Foods, Animal Feed & Foods	Zinc(Zn)	FSSAI Lab Manual

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia(NH3)	IS 5182 (P-25)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic	SITR/SOP/AAS/04
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (P-11)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo(a)pyrene	IS 5182 (P-12)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide(CO)	IS 5182(P-10)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 (P-22)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	IS5182(P-26)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide(NO2)	IS 5182(P-6)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone(O3)	IS 5182 (P-9)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter(PM10)	IS 5182(P-23)
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter(PM2.5)	IS5182(P-24)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide(SO2)	IS 5182 (P-2)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level	Ambient Noise	IS 9989
32	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Benzene	SITR/SOP/IAQ/01/2021
33	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Carbon Dioxide(CO2)	SITR/SOP/IAQ/01/2021
34	CHEMICAL- ATMOSPHERIC POLLUTION	source noise	DG Set/Boiler/Compressor/Indoor Noise	IS 4758
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Doxide(CO2)	IS 13270
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide(CO)	IS 13270

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37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 (P-3)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Dioxide(NO2)	IS 11255 (P-7)
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen(O2)	IS 13270
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter(PM)	IS 11255 (P-1)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide(SO2)	IS 11255 (P-2)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Carbon Monoxide(CO)	SITR/SOP/IAQ/01/2021
43	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Chlorine	SITR/SOP/IAQ/01/2021
44	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Nitrogen Oxide(NO2)	SITR/SOP/IAQ/01/2021
45	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Oxygen(O2)	SITR/SOP/IAQ/01/2021
46	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Relative Humidity	SITR/SOP/IAQ/01/2021
47	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Sulphur Dioxide(SO2)	SITR/SOP/IAQ/01/2021
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Squash, syrup	Drained weight	FSSAI Manual Fruit & Vegetable Product Method- 1.4
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Aldehyde as acetaldehyde	IS 3752
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Esters as ethyl acetate	IS 3752
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	pH	IS 3752
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Residue on evaporation	IS 3752
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Total Acids as tartaric acid	IS 3752

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54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Alcoholic (Cordials, Wine, Grape Spirit, Brandy, Rum, Vodka, Gin, Beer, Whisky, Spirit Distillate, Ena, Tequila, extra neutral alcohol)	Volatile acids	IS 3752
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Acid Value	IS 3508
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Buodouin Test	IS 3508
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Iodine Value	IS 3508
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Moisture	IS 3508
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Peroxide Value	IS 3508
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Refractive Index	IS 3508
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	RM Value	IS 3508
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Saponification Value	IS 3508
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Anhydrous Milk Fat/ Butter oil	Unsaponifiable Matter	IS 3508
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Alcoholic Acidity as H_2SO_4	IS 1009 Appendix “E”
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Ash Insoluble in Dil. HCl (Dry basis)	IS 1009 Appendix “C”
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Moisture	IS 1009 Appendix “A”
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Total Ash (Dry basis)	IS 1009 Appendix “B”

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68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit	Acid Insoluble Ash	IS 1011 Appendix C
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit	Acidity of Extracted Fat as oleic acid	IS 1011 Appendix D
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit	Extracted Oil/ Fat	IS 1011 Appendix D
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit	Moisture	IS 1011 Appendix B
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit	Protein (N X 6.25)	IS 7219
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuit	Total Ash	IS 1011 Appendix C
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Acid Insoluble Ash	IS 13857
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Alkalinity of Water Soluble Ash	IS 13856
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Ash	IS 13854
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Crude Fibre	FSSAI Manual
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Moisture	IS 13859
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Water Extract	IS 13862
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Water Soluble Ash	IS 13855
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Acid Insoluble Ash	IS 1797

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82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Moisture	IS 1797
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Non Valatile Ether Extract	IS 1797
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Total Ash	IS 1797
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Caraway, Cardamom, Cinnamon, Cassia, Cumin, Fennel, Fenugreek, Ginger, Mace, Mustard, Nutmeg, Poppy, Aniseed & Ajowan	Volatile Oil	IS 1797
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Milk Fat (Dry Basis)	FSSAI Manual Milk & Milk Products Method-5.3
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Moisture	FSSAI Manual Milk & Milk Products. Method-5.2
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Titrable Acidity As lactic acid	IS 10484 Appendix “C”
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Milk Fat	FSSAI Manual Milk & Milk Products
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Moisture	FSSAI Manual Milk & Milk Products
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Titrable Acidity as lactic acid	IS 10484
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Acid Insoluble Ash (Dry basis)	IS 1797, IS 2322 Cl – 8
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Moisture	IS 1797, IS 2322 Cl – 9
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Non Volatile Ether Extract	IS 1797, IS 2322 Cl – 14
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Total Ash (Dry basis)	IS 1797, IS 2322 Cl – 6

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96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cornflakes	Alcoholic Acidity as H2SO4	IS 1158 Appendix “E”
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cornflakes	Ash Insoluble in Dil. HCl (Dry basis)	IS 1158 Appendix “C”
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cornflakes	Moisture	IS 1158 Appendix “A”
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cornflakes	Total Ash (Dry basis)	IS 1158 Appendix B
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	fat	FSSAI Manual Milk & Milk Product 1.3.4.2
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Protein(N X 6.38)	IS 1479 (P-II) Cl-14
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curd	Total Solid	IS 8678, Appendix “A” of IS 4079
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Alkalinity	IS 253
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Calcium	IS 253
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Iodine Content	IS 7224
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Magnesium	IS 253
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Matter Soluble in water other than NaCl	IS 253
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Moisture	IS 7224
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Moisture	IS 7224

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110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Particle Size(1mm mesh sieve)	IS 12981
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Sodium Chloride Content	IS 253
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Sulphate	IS 253
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Water Insoluble Matter	IS 253
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Acid Insoluble Ash (Dry basis)	IS 1797, IS 13545 Cl – 8
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Moisture	IS 1797, IS 13545 Cl– 9
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Non Volatile Ether Extract	IS 1797, IS 13545 Cl -14
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Garam Masala	Total Ash (Dry basis)	IS 1797, IS 13545 Cl-6
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Acid value	IS 3508
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Buodouin Test	IS 3508
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Iodine Value	IS 3508
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	IS 3508
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Peroxide Value	IS 3508
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Refractive Index@ 40 °C	IS 3508

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124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	RM Value	IS 3508
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Saponification Value	IS 3508
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Unsaponifiable Matter	IS 3508
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Acid Insoluble Ash	IS 4624
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Acidity of extracted fat	IS 12711
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Energy	IS 8220
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Extracted Fat	IS 4684
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Peroxide value of extracted fat	IS 15271
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Total Ash	IS 4624
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Total Carbohydrate	IS 1656
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Total Protein	IS 7219
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity as Formic acid	IS 4941
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe's Test	IS 4941

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138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fructose-Glucose Ratio	IS 4941
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Hydroxy Methyl Furfural(HMF)	IS 4941
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific Gravity at 27°C	IS 4941
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Reducing Sugars	IS 4941
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Acidity	IS 2802
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Starch	IS 10501
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Sucrose	FSSAI Manual
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Total Fat	IS 2802
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Total Protein	IS 7219
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ice Cream	Total Solids	IS 2802
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams	Total Solids	FSSAI Manual Fruit & Vegetable Product Method- 16.1
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Jams	Total Sugar as sucrose	FSSAI Manual Fruit & Vegetable Product. Method- 2.6

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151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Cane sugar	FSSAI Manual Milk & Milk Products Method-1.2.1
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Fat	FSSAI Manual Milk & Milk Products.:2015 Method-1.3.4
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Protein (N X 6.38)	IS 1479(P-II) Cl-7&8
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Solid Not Fat	IS 1479(P-II) Cl-5
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Starch	FSSAI Manual Milk & Milk Products Method-1.2.2
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total Solid	FSSAI Manual
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Alcoholic Acidity as H2SO4	IS 1009 Appendix E
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Ash Insoluble in Dil. HCl (Dry basis)	IS 1009 Appendix C
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Gluten	IS 1009 Appendix D
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Moisture	IS 1009 Appendix A

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161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Total Ash (Dry basis)	IS 1009 Appendix B
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Acid Insoluble Ash (Dry basis)	IS 15271 Appendix C
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Acidity of Extracted Fat as oleic acid	IS 15271 Appendix E
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Extracted Oil/ Fat	IS 15271 Appendix D
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Moisture	IS 15271 Appendix B
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Peroxide Value	IS 15271 Appendix F
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Protein (N x 6.25)	IS 7219
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Total Ash (Dry basis)	IS 15271 Appendix C
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Acid Insoluble Ash (Dry basis)	IS 1797, IS 1798 Cl-8
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Moisture	IS 1797, IS 1798 Cl-9
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Non Volatile Ether Extract	IS 1797, IS 1798 Cl-14
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Total Ash (Dry basis)	IS 1797, IS 1798 Cl-6
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Acidity as acetic acid	IS 2860
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Acidity as Citric acid	IS 2860

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175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pickles	Sodium Chloride	IS 2860
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suiji	Alcoholic Acidity as H2SO4	IS 1010 Appendix F
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suiji	Ash Insoluble in Dil. HCl (Dry basis)	IS 1010 Appendix D
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suiji	Gluten	IS 1010 Appendix E
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suiji	Moisture	IS 1010 Appendix B
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suiji	Total Ash (Dry basis)	IS 1010 Appendix C
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Acid Insoluble Ash (Dry Basis)	IS 1797, IS 3576 Cl-8
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Moisture	IS 1797, IS 13545 Cl-9
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Non Volatile Ether Extract	IS 1797, IS 2322 Cl-14
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Total Ash (Dry Basis)	IS 1797 IS 3576 Cl- 6
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Buodouin Test	IS 3508
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Free Fatty Acid as oleic acid	IS 548 (P-I)
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Iodine Value	IS 548 (P-I)
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Moisture	IS 548 (P-I)

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189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Peroxide Value	IS 548 (P-I)
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Refractive Index@ 40?	IS 548 (P-I)
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Saponification Value	IS 548 (P-I)
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oil and Fat	Unsaponifiable Matter	IS 548 (P-I)
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Alcoholic Acidity as H2SO4	IS 1155 Appendix F
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Ash Insoluble in Dil. HCl (Dry basis)	IS 1155 Appendix C
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Gluten (Dry basis)	IS 1155 Appendix D
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Moisture	IS 1155 Appendix A
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Atta	Total Ash (Dry basis)	IS 1155 Appendix B
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Conductivity Ash	IS 15279
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Loss on Drying	IS 15279
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Reducing Sugars	IS 15279
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Milk Fat	FSSAI Manual Milk & Milk Products Method-10.3
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Moisture	FSSAI Manual Milk & Milk Products. Method-10.2

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203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titrable Acidity as lactic acid	FSSAI Manual Milk & Milk Products Method-10.4
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Total Ash	FSSAI Manual Milk & Milk Products. Method-10.7
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole pulses/Grains	Damaged Discolored & Wevieled	FSSAI Manual Cereals & Cereals Product Method-1.1.2.1
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole pulses/Grains	Foreign matter	FSSAI Manual Cereals & Cereals Product Method-1.1
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole pulses/Grains	Moisture	FSSAI Manual Cereals & Cereals Product Method- 2.0
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole pulses/Grains	Other Food Grains	FSSAI Manual Cereals & Cereals Product Method- 1.0
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole pulses/Grains	Shriveled & Immature Grains	FSSAI Manual Cereals & Cereals Product Method-1.1.2.1
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole pulses/Grains	Slightly Damaged& Touched Grain	FSSAI Manual Cereals &Cereals Product. Method-1.1.2.1
211	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Aluminium as Al	IS 3025(Part-55)
212	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic as As	IS 3025(Part-37)
213	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand (At 27 degree for 3days)	IS 3025(Part-44)
214	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron as B	IS 3025(Part-57)
215	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium as Cd	IS 3025(Part-41)
216	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025(Part-58)
217	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS 3025(Part-32)
218	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	IS 3025(Part-4)

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219	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper as Cu	IS 3025(Part-42)
220	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide as CN	IS 3025(Part-27)
221	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen(DO)	IS 3025(Part-38)
222	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	IS 3025(Part-60)
223	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free Ammonia	IS 3025(Part-34)
224	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexa Chromium	IS 3025(Part-52)
225	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	IS 3025(Part-53)
226	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	IS 3025(Part-47)
227	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese as Mn	IS 3025(Part-59)
228	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	IS 3025(Part-54)
229	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate(as NO3)	IS 3025(Part-34)
230	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite (as NO2)	IS 3025(Part-34)
231	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025(Part-39)
232	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH at 25°C	IS 3025(Part-11)
233	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compound	IS 3025(Part-43)
234	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phophorus	IS 3025(Part-31)
235	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	IS 3025(Part-45)
236	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Free Chlorine	IS 3025(Part-26)
237	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	IS 3025(Part-45)

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238	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Specific Conductance at 25°C	IS 3025(Part-14)
239	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	IS 3025(Part-24)
240	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide as S	IS 3025(Part-29)
241	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Suspended Solids	IS 3025(Part-17)
242	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS 3025(Part-9)
243	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium	IS 3025(Part-52)
244	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolve Solids	IS 3025(Part-16)
245	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 4500D 23rd Ed.
246	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Silica	IS 3025(Part-35)
247	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids(Fixed & Volatile)	IS 3025(Part-18)
248	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS 3025(Part-10)
249	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	IS 3025(Part-49)
250	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025(Part-22)
251	CHEMICAL- WATER	Drinking Water	Aluminium as Al	IS 3025(Part-55)
252	CHEMICAL- WATER	Drinking Water	Ammonia as NH3	IS 3025 (Part-34)
253	CHEMICAL- WATER	Drinking Water	Anionic detergents	IS 13428
254	CHEMICAL- WATER	Drinking Water	Arsenic as As	IS 3025 (Part 37)
255	CHEMICAL- WATER	Drinking Water	Arsenic as As	IS 3025 (Part 37)
256	CHEMICAL- WATER	Drinking Water	Boron as B	IS: 3025 (Part-57)
257	CHEMICAL- WATER	Drinking Water	Cadmium as Cd	IS 3025 (Part-41)
258	CHEMICAL- WATER	Drinking Water	Calcium Hardness as Ca	IS 3025 (Part-40)
259	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part-32)
260	CHEMICAL- WATER	Drinking Water	Colour	IS 3025(Part-4)

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261	CHEMICAL- WATER	Drinking Water	Copper as Cu	IS 3025 (Part-42)
262	CHEMICAL- WATER	Drinking Water	Cyanide as CN	IS 3025(Part-27)
263	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition. 4500: 4-87
264	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part-53)
265	CHEMICAL- WATER	Drinking Water	Lead as Pb	IS 3025 (Part-47)
266	CHEMICAL- WATER	Drinking Water	Magnesium(as Mg)	IS 3025(Part-46)
267	CHEMICAL- WATER	Drinking Water	Manganese as Mn	APHA Method 23rd Edition: 3500: 3-85
268	CHEMICAL- WATER	Drinking Water	Mercury as Hg	IS 3025(Part-48)
269	CHEMICAL- WATER	Drinking Water	Nickel as Ni	IS 3025 (Part-54)
270	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025(Part-34)
271	CHEMICAL- WATER	Drinking Water	Nitrite(as NO2)	IS 3025(Part-34)
272	CHEMICAL- WATER	Drinking Water	Odour	IS 3025(Part-5)
273	CHEMICAL- WATER	Drinking Water	pH at 25°C	IS 3025 (Part-11)
274	CHEMICAL- WATER	Drinking Water	Phenolic compound	IS 3025 (Part-43)
275	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	IS 3025 (Part-31)
276	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025(Part-45)
277	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS 3025 (Part-35)
278	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025(Part-45)
279	CHEMICAL- WATER	Drinking Water	Solids(Fixed & Valatile)	IS 3025(Part-18)
280	CHEMICAL- WATER	Drinking Water	Specific Conductivity at 25°C	IS 3025 (Part-14)
281	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part-24)
282	CHEMICAL- WATER	Drinking Water	Sulphide as H2S	IS 3025(Part-29)
283	CHEMICAL- WATER	Drinking Water	Taste	IS 3025(Part-8)
284	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
285	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part-23)
286	CHEMICAL- WATER	Drinking Water	Total Chromium as Cr	IS 3025 (Part-52)
287	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part-16)
288	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 Part 21
289	CHEMICAL- WATER	Drinking Water	Total Residual Chlorine as Cl	IS 3025 (Part-26)
290	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part-17)

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291	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part-10)
292	CHEMICAL- WATER	Drinking Water	Zinc as Zn	IS 3025 (Part-49)
293	CHEMICAL- WATER	Ground Water	Aluminium as Al	IS 3025(Part-55)
294	CHEMICAL- WATER	Ground Water	Ammonia as NH3	IS 3025 (Part-34)
295	CHEMICAL- WATER	Ground Water	Boron as B	IS: 3025 (Part-57)
296	CHEMICAL- WATER	Ground Water	Cadmium as Cd	IS 3025 (Part-41)
297	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part-40)
298	CHEMICAL- WATER	Ground water	Calcium Hardness as Ca	IS 3025 (Part-40)
299	CHEMICAL- WATER	Ground water	Chloride as Cl	IS 3025 (Part-32)
300	CHEMICAL- WATER	Ground Water	Colour	IS 3025(Part-4)
301	CHEMICAL- WATER	Ground Water	Cyanide as CN	IS 3025(Part-27)
302	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 23nd Edition. 4500: 4-87
303	CHEMICAL- WATER	Ground water	Iron as Fe	IS 3025 (Part-53)
304	CHEMICAL- WATER	Ground Water	Lead as Pb	IS 3025 (Part-47)
305	CHEMICAL- WATER	Ground Water	Magnesium(as Mg)	IS 3025(Part-46)
306	CHEMICAL- WATER	Ground water	Manganese as Mn	APHA 23rd Edition: 3500: 3-85
307	CHEMICAL- WATER	Ground Water	Mercury as Hg	IS 3025(Part-48)
308	CHEMICAL- WATER	Ground Water	Nickel as Ni	IS 3025 (Part-54)
309	CHEMICAL- WATER	Ground Water	Nitrate as NO3	IS 3025(Part-34)
310	CHEMICAL- WATER	Ground Water	pH at 25°C	IS 3025(Part-11)
311	CHEMICAL- WATER	Ground water	Phenolic compound	IS 3025 (Part-43)
312	CHEMICAL- WATER	Ground water	Phosphate as PO4	IS 3025 (Part-31)
313	CHEMICAL- WATER	Ground Water	Silica as SiO2	IS 3025 (Part-35)
314	CHEMICAL- WATER	Ground water	Sulphate as SO4	IS 3025 (Part-24)
315	CHEMICAL- WATER	Ground Water	Sulphide as H2S	IS 3025(Part-29)
316	CHEMICAL- WATER	Ground Water	Taste	IS 3025(Part-8)
317	CHEMICAL- WATER	Ground water	Temperature	IS 3025 (Part 9)
318	CHEMICAL- WATER	Ground water	Total Alkalinity as CaCO3	IS 3025 (Part-23)
319	CHEMICAL- WATER	Ground Water	Total Arsenic as As	IS 3025 (Part 37)
320	CHEMICAL- WATER	Ground Water	Total Chromium as Cr	IS 3025 (Part-52)

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321	CHEMICAL- WATER	Ground water	Total Dissolved Solids	IS 3025 (Part-16)
322	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	IS 3025 (Part-21)
323	CHEMICAL- WATER	Ground water	Total Residual Chlorine as Cl	IS 3025 (Part-26)
324	CHEMICAL- WATER	Ground water	Total Suspended Solids	IS 3025 (Part-17)
325	CHEMICAL- WATER	Ground water	Turbidity	IS 3025 (Part-10)
326	CHEMICAL- WATER	Package Drinking Water	pH at 25°C	IS 3025 (Part-11)
327	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity as HCO3	IS 3025 (Part-23)
328	CHEMICAL- WATER	Packaged Drinking Water	Aluminium as Al	IS 3025(Part-55)
329	CHEMICAL- WATER	Packaged Drinking Water	Arsenic as As	IS 3025 (Part 37)
330	CHEMICAL- WATER	Packaged Drinking Water	Cadmium as Cd	IS 3025 (Part-41)
331	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 (Part-40)
332	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	IS 3025 (Part-32)
333	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025(Part-4)
334	CHEMICAL- WATER	Packaged Drinking Water	Copper as Cu	IS 3025 (Part-42)
335	CHEMICAL- WATER	Packaged Drinking Water	Cyanide as CN	IS 3025(Part-27)
336	CHEMICAL- WATER	Packaged Drinking Water	Fluoride as F	IS 3025(Part-60)
337	CHEMICAL- WATER	Packaged Drinking Water	Iron as Fe	IS 3025 (Part-53)
338	CHEMICAL- WATER	Packaged Drinking Water	Lead as Pb	IS 3025 (Part-47)
339	CHEMICAL- WATER	Packaged Drinking Water	Magnesium(as Mg)	IS 3025(Part-46)
340	CHEMICAL- WATER	Packaged Drinking Water	Manganese as Mn	IS 3025(Part-59)
341	CHEMICAL- WATER	Packaged Drinking Water	Mercury as Hg	IS 3025(Part-48)
342	CHEMICAL- WATER	Packaged Drinking Water	Nickel as Ni	IS 3025 (Part-54)
343	CHEMICAL- WATER	Packaged Drinking Water	Nitrate as NO3	IS 3025(Part-34)
344	CHEMICAL- WATER	Packaged Drinking Water	Nitrite(as NO2)	IS 3025(Part-34)
345	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025(Part-5)
346	CHEMICAL- WATER	Packaged Drinking Water	Phenolic compounds	IS 3025 (Part-43)
347	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS 3025 (Part-26)
348	CHEMICAL- WATER	Packaged Drinking Water	Sodium as Na	IS 3025(Part-45)
349	CHEMICAL- WATER	Packaged Drinking Water	Sulphate as SO4	IS 3025 (Part-24)
350	CHEMICAL- WATER	Packaged Drinking Water	Sulphide as H2S	IS 3025(Part-29)

SCOPE OF ACCREDITATION

Laboratory Name : SHANTI INSTITUTE FOR TESTING & RESEARCH, 12B, GALI NO.-1, JAWAHAR NAGAR, HISAR, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10511 **Page No** 21 of 22

Validity 13/04/2022 to 12/04/2024 **Last Amended on** -

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
351	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025(Part-8)
352	CHEMICAL- WATER	Packaged Drinking Water	Total Chromium as Cr	IS 3025 (Part-52)
353	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS 3025 (Part-16)
354	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part-10)
355	CHEMICAL- WATER	Packaged Drinking Water	Zinc as Zn	IS 3025 (Part-49)
356	CHEMICAL- WATER	Potable Water	Aluminium as Al	IS 3025(Part-55)
357	CHEMICAL- WATER	Potable Water	Ammonia as NH3	IS 3025 (Part-34)
358	CHEMICAL- WATER	Potable Water	Anionic detergents	IS 3025(Part-34)
359	CHEMICAL- WATER	Potable Water	Boron as B	IS: 3025 (Part-57)
360	CHEMICAL- WATER	Potable Water	Cadmium as Cd	IS 3025 (Part-41)
361	CHEMICAL- WATER	Potable water	Calcium Hardness as Ca	IS 3025 (Part-40)
362	CHEMICAL- WATER	Potable water	Chloride as Cl	IS 3025 (Part-32)
363	CHEMICAL- WATER	Potable Water	Colour	IS 3025(Part-4)
364	CHEMICAL- WATER	Potable Water	Copper as Cu	IS 3025 (Part-42)
365	CHEMICAL- WATER	Potable Water	Cyanide as CN	IS 3025(Part-27)
366	CHEMICAL- WATER	Potable water	Fluoride as F	APHA 23rd Edition. 4500: 4-87
367	CHEMICAL- WATER	Potable water	Free Residual Chlorine as Cl	IS 3025 (Part-26)
368	CHEMICAL- WATER	Potable water	Iron as Fe	IS 3025 (Part-53)
369	CHEMICAL- WATER	Potable Water	Lead as Pb	IS 3025(Part-47)
370	CHEMICAL- WATER	Potable Water	Magnesium(as Mg)	IS 3025(Part-46)
371	CHEMICAL- WATER	Potable water	Manganese as Mn	APHA 23rd Edition: 3500: 3-85
372	CHEMICAL- WATER	Potable Water	Mercury as Hg	IS 3025(Part-48)
373	CHEMICAL- WATER	Potable Water	Nickel as Ni	IS 3025 (Part-54)
374	CHEMICAL- WATER	Potable Water	Nitrate (as NO3)	IS 3025(Part-34)
375	CHEMICAL- WATER	Potable Water	Odour	IS 3025(Part-5)
376	CHEMICAL- WATER	Potable Water	pH at 25°C	IS 3025 (Part-11)
377	CHEMICAL- WATER	Potable water	Phenolic compound	IS 3025 (Part-43)
378	CHEMICAL- WATER	Potable water	Phosphorus as PO4	IS 3025 (Part-31)
379	CHEMICAL- WATER	Potable water	Silica as SiO2	IS 3025 (Part-35)
380	CHEMICAL- WATER	Potable Water	Specific Conductivity at 25°C	IS 3025(Part-14)

SCOPE OF ACCREDITATION

Laboratory Name :	SHANTI INSTITUTE FOR TESTING & RESEARCH, 12B, GALI NO.-1, JAWAHAR NAGAR, HISAR, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10511	**Page No**	22 of 22
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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
381	CHEMICAL- WATER	Potable water	Sulphate as SO4	IS 3025 (Part-24)
382	CHEMICAL- WATER	Potable Water	Sulphide as H2S	IS 3025(Part-29)
383	CHEMICAL- WATER	Potable Water	Taste	IS 3025(Part-8)
384	CHEMICAL- WATER	Potable water	Temperature	IS 3025 (Part 9)
385	CHEMICAL- WATER	Potable Water	Total Alkalinity as CaCO3	IS 3025 (Part-23)
386	CHEMICAL- WATER	Potable Water	Total Arsenic as As	IS 3025 (Part 37)
387	CHEMICAL- WATER	Potable Water	Total Chromium as Cr	IS 3025 (Part-52)
388	CHEMICAL- WATER	Potable water	Total Dissolved Solids	IS 3025 (Part-16)
389	CHEMICAL- WATER	Potable water	Total Hardness as CaCO3	IS 3025 (Part-40)
390	CHEMICAL- WATER	Potable water	Total Suspended Solids	IS 3025 (Part-17)
391	CHEMICAL- WATER	Potable Water	Turbidity	IS 3025 (Part-10)
392	CHEMICAL- WATER	Potable Water	Zinc as Zn	IS 3025(Part-49)

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.