National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RKCT LABORATORY PVT. LTD., P-316/3 RAIGWA, PATAN BYPASS ROAD, JABALPUR, MADHYA PRADESH, 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- BUILDING MATERIAL	Admixture	Ash content	IS:9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS: 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS: 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS: 9103
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid Insoluble Ash (Atta)	IS:1155
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid Insoluble Ash (Maida)	IS:1009
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic Acidity (Atta)	IS:1155
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic Acidity (Maida)	IS:1009
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Atta (moisture)	IS:1155
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Crude Fiber (Atta, Maida)	IS:1155
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Fat (Maida, Atta)	IS:12711
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten (Atta)	IS:1155
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten (Maida)	IS:1009
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture (Maida)	IS:1009

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15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein(Atta, maida)	IS:7219
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash (Atta)	IS:1155
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash (Maida)	IS:1009
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total sugar (Atta, Maida)	IS:2650
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acid Insoluble Ash	IS:1011
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acidity of Extracted fat	IS:12711
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Alcoholic Acidity	IS;12711
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Crude fiber	IS:12711
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Fat	IS:12711
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture	IS:1011
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total Ash	IS:1011
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total Protein	IS:7219
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total sugar	IS:2650
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Acid insoluble Ash	IS:12711

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29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Acidity of Extracted Fat	IS:12711
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Alcoholic Acidity	IS:12711
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Crude fiber	IS:12711
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Fat	IS:12711
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Moisture	IS:12711
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	pH	IS:12711
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Protein	IS:7219
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Total Ash	IS:12711
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Total solid Content	IS:12711
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Total sugar	IS:2650
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Acid Insoluble Ash	IS:1797
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Added colour and brick Powder in chilli Powder	IS:15642 (P-1)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Alcohol soluble extract	IS:1797
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Cold Water soluble Extract	IS:1797

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43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Crude fiber	IS:1797
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Fat	IS::2711
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Moisture	IS:1797
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Non Volatile Ether	IS:1797
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Protein	IS:7219
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Total ash	IS:1797
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Volatile Oil	IS:1797
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Water Insoluble Ash	IS:1797
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Acid value	FSSAI 02.009:2021
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Iodine value	FSSAI 02.010:2021
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Moisture	FSSAI 02.001:2021
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Saponification Value	FSSAI 02.007:2021
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Unsaponifiable matter	FSSAI 02.008:2021
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Acid insoluble Ash	IS:1797

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57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Alcohol soluble extract	IS:1797
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Cold Water Soluble Extract	IS:1797
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Crude fiber	IS:1797
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Fat	IS:12711
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Moisture	IS:1797
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Non volatile Ether	IS:1797
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Protein	IS:7219
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Total Ash	IS:1797
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Volatile Oil	IS:1797
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander(whole and powder)	Water insoluble Ash	IS:1797
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Acid insoluble Ash	IS:1797
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Alcohol Soluble Extract	IS:1797
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Cold Water soluble Extract	IS:1797
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Crude fiber	IS:1797

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71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Fat	IS:12711
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Moisture	IS:1797
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Non volatile Ether	IS:1797
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Protein	IS:7219
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Total ash	IS:1797
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Volatile Oil	IS:1797
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Curry Powder, Mixed Masala powder	Water Insoluble ash	IS:1797
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Acid Insoluble Ash	IS:1009
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Alcoholic Acidity	IS:1009
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Crude Fiber	IS:1155
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Fat	iS:12711
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	keshari Dal	IS:2400
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Moisture	IS:1009
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Protein	IS:7219

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85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Total Ash	IS:1009
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Lentils, chickpeas, cowpeas, gram, beans, besan	Total Sugar	IS:2650
87	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 of Method of Analysis of food Milk and milk Product Clause no. 1.3.4
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Formaldehyde	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 1.2.17.1
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Hydrogen Peroxide	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 1.2.18.3
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Milk Solid Not Fat	IS:10083
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Neutralizer	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 1.2.11.2
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sodium Chloride	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 1.2.8
93	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 of Method of Analysis of food Milk and milk Product Clause no. 1.2.2.1

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94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sugar	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 1.2.1.1
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Titratable Acidity	IS:1479 (P-1)
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total ash	IS:1479 (P-2)
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total Protein	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 19.1
98	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	IS:1479 (P-2)
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Urea	FSSAI Manual of Method of Analysis of food Milk and milk Product Clause no. 1.2.4.1
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Acid Insoluble ash	IS:15271
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Acidity of Extracted fat	IS:15271
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Crude fiber	IS:1155
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Fat	IS:15271

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104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Moisture	IS:15271
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Peroxide Value	IS:15271
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Protein	IS:7219
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Total Ash	IS:15271
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen	Total sugar	IS;2650
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Moisture	FSSAI 02.001:2021
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Acid Value	FSSAI 02.009:2021
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Iodine Value	FSSAI 02.010:2021
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Mineral Oil	FSSAI 02.029:2021
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Saponification Value	FSSAI 02.007:2021
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil from Oil Seeds	Unsaponifiable Matter	FSSAI:02.008:2021
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Acid Insoluble ash	IS:2639
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Alcoholic acidity	IS:1155
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Alkalinity of ash in papad as Sodium Carbonate	IS:2639

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118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Crude fiber	IS:2639
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Fat	IS:2639
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Moisture	IS:2639
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	pH of water extract in papad	iS:2639
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Protein	IS:7219
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	TOTAL ASh	IS:2639
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	PAPAD	Total Sugar	IS:2650
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Acid Insoluble ash	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 1.5
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Alkalinity of Soluble ash	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 1.6
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Crude fiber	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 5.8
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Fat	IS:15271
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Moisture	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 1.2
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Protein	IS:7219
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total ash	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 1.3

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132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water Extract	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 1.7
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Water soluble ash	FSSAI Manual of Methods of Analysis of food:Tea Beverages Products Clause 1.4
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Acid Insoluble Ash	IS:1797
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Alcohol Soluble Extract	IS:1797
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Cold Water soluble Extract	IS:1797
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Crude fiber	IS:1797
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Fat	IS:12711
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Moisture	IS:1797
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Non Volatile Ether	IS:1797
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Protein	IS:7219
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Starch	IS:4706 (P-2)
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Total ash	IS:1797
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	volatile Oil	IS:1797
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Water Insoluble Ash	IS:1797

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146	CHEMICAL- METALS & ALLOYS	TMT, Strcutue Steel, Mild Steel	Sulphur	ASTM E 415
147	CHEMICAL- METALS & ALLOYS	TMT, Structural Steel, Mild Steel	Carbon	ASTM E 415
148	CHEMICAL- METALS & ALLOYS	TMT, Structure Steel, Mild Steel	Manganese	ASTM E 415
149	CHEMICAL- METALS & ALLOYS	TMT, Structure Steel, Mild Steel	Phosphorous	ASTM E 415
150	CHEMICAL- METALS & ALLOYS	TMT, Structure Steel, Mild Steel	Silicon	ASTM E 415
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and Grease	IS 3025 Part 39
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Biological Oxygen Demand	IS:3025 (P-44)
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH Value	IS:3025 (P-11)
154	CHEMICAL- POLLUTION & ENVIRONMENT	water water	Total suspended Solids	IS 3025 (P-39)
155	CHEMICAL- SOIL AND ROCK	Soil (Passed Through 4.75 mm)	Sulphate	IS:2720 (P-27)
156	CHEMICAL- SOIL AND ROCK	Soil (Passed through 4.75mm)	Chloride	BS:1377(P-3)
157	CHEMICAL- SOIL AND ROCK	Soil (passing through 4.75 mm)	PH value	IS: 2720 (P-26)
158	CHEMICAL- WATER	Bore well water	Acidity	IS:3025 (P-22)
159	CHEMICAL- WATER	Bore well water	Alkalinity	IS:3025, (P-23)
160	CHEMICAL- WATER	Bore well water	Chloride	IS:3025 (P-32)
161	CHEMICAL- WATER	Bore well water	pH value	IS:3025 (P-11)
162	CHEMICAL- WATER	Bore well Water	Total Dissolved Soilid (TDS)	IS:3025 (P-16)
163	CHEMICAL- WATER	Bore well water	Total suspended Matter	IS:3025 (P-17)
164	CHEMICAL- WATER	Drinking Water	Alkalinity	IS:3025, (P-23)
165	CHEMICAL- WATER	Drinking Water	Calcium	IS:3025 (P-40)
166	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025 (P-32)
167	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS: 3025 (P-14)
168	CHEMICAL- WATER	Drinking Water	Odour	IS3025 (P-5)

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169	CHEMICAL- WATER	Drinking Water	pH value	IS:3025 (P-11)
170	CHEMICAL- WATER	Drinking Water	Total Dissolved Soilid (TDS)	IS:3025 (P-16)
171	CHEMICAL- WATER	Drinking Water	Total Hardness	IS:3025 (P-21)
172	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity	IS:3025, (P-23)
173	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS:3025 (P-40)
174	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS:3025 (P-32)
175	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity	IS:3025:(P-14)
176	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS:3025 (P-5)
177	CHEMICAL- WATER	Packaged Drinking Water	pH Value	IS:3025 (P-11)
178	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solid (TDS)	IS:3025 (P-17)
179	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	IS:3025 (P-21)
180	CHEMICAL- WATER	Pond Water	Acidity	IS:3025 (P-22)
181	CHEMICAL- WATER	Pond water	Alkalinity	IS:3025 (P-23)
182	CHEMICAL- WATER	Pond Water	Biological Oxygen Demand	IS:3025 (P-44)
183	CHEMICAL- WATER	Pond Water	Calcium	IS:3025 (P-40)
184	CHEMICAL- WATER	Pond Water	Chloride	IS:3025 (P-32)
185	CHEMICAL- WATER	Pond Water	Electrical Conductivity	IS:3025:(P-14)
186	CHEMICAL- WATER	Pond water	pH Value	IS:3025 (P-11)
187	CHEMICAL- WATER	Pond Water	Total Dissolved Solid	IS:3025 (P-17)
188	CHEMICAL- WATER	Pond water	Total Hardness	IS:3025 (P-21)
189	CHEMICAL- WATER	Pond water	Total Suspended Matter	IS:3025 (P-17)
190	CHEMICAL- WATER	RO Water	Alkalinity	IS:3025, (P-23)
191	CHEMICAL- WATER	RO Water	Calcium	IS:3025 (P-40)
192	CHEMICAL- WATER	RO water	Chloride	IS:3025 (P-32)
193	CHEMICAL- WATER	RO water	Electrical Conductivity	IS: 3025 (P-14)
194	CHEMICAL- WATER	RO water	Odour	IS:3025 (P- 5)
195	CHEMICAL- WATER	RO water	pH value	IS:3025 (P-11)
196	CHEMICAL- WATER	RO Water	Total Dissolved Soilid (TDS)	IS:3025 (P-16)
197	CHEMICAL- WATER	RO water	Total Hardness	IS:3025 (P-21)
198	CHEMICAL- WATER	Water for construction purpose	Acidity	IS:3025 (P-22)

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199	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS:3025 (P-23)
200	CHEMICAL- WATER	Water for construction purpose	Chloride	IS:3025 (P-32)
201	CHEMICAL- WATER	Water for construction purpose	Inorganic Matter	IS:3025 (P-18)
202	CHEMICAL- WATER	Water for construction purpose	Organic Matter	IS:3025 (P-18)
203	CHEMICAL- WATER	Water for construction purpose	pH Value	IS:3025 (P-11)
204	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solid (TDS)	IS:3025 (P-17)
205	CHEMICAL- WATER	Water for construction purpose	Total suspended Matter	IS:3025 (P-17)
206	ELECTRICAL- CABLES & WIRES	Arial Bunch Cable	Breaking load test of messanger conductor	IS : 14255 (Cl 6.5 & 10)
207	ELECTRICAL- CABLES & WIRES	Armouring wire and strips	Dimension of armouring material	IS:10810 Part 36
208	ELECTRICAL- CABLES & WIRES	Armouring Wire and Strips	Elongation	IS: 10810 Part 37
209	ELECTRICAL- CABLES & WIRES	Armouring Wire and Strips	Resistance test	IS;10810 Part 42
210	ELECTRICAL- CABLES & WIRES	Armouring Wire and Strips	Tensile Strength	IS:10810 Part 37
211	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Wrapping Test	IS:10810 Part 3
212	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Conductor resistance test	IS: 10810 Part 5
213	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Flammability test	IS:10810 Part 15
214	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Shrinkage test of insulation	10810 Part 12
215	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Tensile Strength of insulation	IS: 10810 Part 7
216	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Thermal Stability	IS : 10810 Part 60
217	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy duty) Cable up to 1100 Volts	Thickness of insulation	IS:10810 Part 6
218	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Cable Up to 1100 Volts	Elongation at break of insulation	IS:10810 part 7
219	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable Up to 1100volts	Tensile Strength	IS : 10810 (P-7)

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220	ELECTRICAL- CABLES & WIRES	PVC insulated cable upto 1100 volts	Conductor resistance test	IS: 10810 Part 5
221	ELECTRICAL- CABLES & WIRES	PVC Insulated Cables up to 1100 Volts	Shrinkage test of insulation and sheath	IS: 10810 Part 12
222	ELECTRICAL- CABLES & WIRES	PVC insulated Cables up to 1100 volts	Thickness of insulation and sheath	IS: 10810 Part 3
223	ELECTRICAL- CABLES & WIRES	PVC insulated Cables up to 1100 volts	Annealing test of copper conductor wire	IS: 10810 part 1
224	ELECTRICAL- CABLES & WIRES	PVC insulated Cables up to 1100 volts	Flammability test	IS: 10810 Part 53
225	ELECTRICAL- CABLES & WIRES	PVC insulated Cables up to 1100 volts	Heat Shock Test	IS: 10810 Part 14
226	ELECTRICAL- CABLES & WIRES	PVC insulated Cables up to 1100 volts	Thermal Stability Test	IS: 10810 Part 60
227	ELECTRICAL- CABLES & WIRES	PVC insulated Cables up to 1100 volts	Wrapping Test of aluminum conductor wire	IS: 10810 Part 3
228	ELECTRICAL- CABLES & WIRES	PVC Insulated wires up to 1100 volts	Elongation	IS : 10810 Part 7
229	ELECTRICAL- CABLES & WIRES	Welding Cable	Annealing Test of Copper Conductor	IS:10810 Part 1
230	ELECTRICAL- CABLES & WIRES	Welding Cable	Conductor Resistance test	IS: 10810 Part 5
231	ELECTRICAL- CABLES & WIRES	Welding Cable	Elongation	IS: 10810 Part 7
232	ELECTRICAL- CABLES & WIRES	Welding Cable	Flammability test	IS: 10810 Part 53
233	ELECTRICAL- CABLES & WIRES	Welding Cable	Tensile Strength	IS: 10810 Part 7
234	ELECTRICAL- CABLES & WIRES	Welding Cable	Thickness of insulation	IS:10810 Part 6
235	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Breaking Load Test of messenger conductor	IS: 10810 Part 2
236	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Conductor resistance test	IS:10810 Part 5
237	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Conductor resistance test messenger conductor	IS:10810 Part 5
238	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Elongation of insulation	IS:10810 Part 7

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239	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Hot Set test of XLPE Insulation	IS:10810 Part 30
240	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Shrinkage test of insulation	IS:10810 Part 12
241	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Tensile strength of aluminum conductor wire	IS:10810 Part 2
242	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Tensile Strength of insulation	IS:10810 Part 7
243	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Thickness of insulation	IS:10810 Part 6
244	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Water absorption	Is:10810 Part 33
245	ELECTRICAL- CABLES & WIRES	XLPE Insulated Arial Bunch Cable up to 1100 Volts	Wrapping Test of aluminum conductor wire	IS : 10810 Part 3
246	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Conductor resistance test	IS 10810 Part 5
247	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Elongation of sheath	IS: 10810 Part 7
248	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Flammability test on insulation	IS: 10810 Part 53
249	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Hot Set test of XLPE insulation	IS:10810 Part 30
250	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Shrinkage Test	IS:10810 Part 12
251	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Tensile strength of aluminum conductor wire	IS: 10810 Part 2
252	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Tensile Strength of sheath	IS: 10810 Part 7
253	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Thermal Stability Test	IS;10810 Part 60
254	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Thickness of insulation	IS:10810 Part 6
255	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Water absorption	IS;10810 Part 33
256	ELECTRICAL- CABLES & WIRES	XLPE insulated PVC Sheathed cable up to 1100 Volts	Wrapping test	IS:10810 Part 3

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257	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (Galvanized steel reinforced)	Breaking load Test	IS:398 Part 2 (Cl. 13.3, 13.4.2)
258	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium alloy standed conductor (AAAC))	Breaking load test	IS: 398 part 4 (Cl 12.3)
259	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium alloy standed conductor (AAAC))	Conductor Resistance Test	IS:398 part 4 (Cl 12.4)
260	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium alloy standed conductor (AAAC))	Elongation test	IS: 398 part 4 (Cl 12.3)
261	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium alloy standed conductor (AAAC))	Measurement of diameter of Indivisual strands	IS:398 Part 4 (Cl. 5.1, 7.1.1, 7.1.2,)
262	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium standed conductor)	Breaking Load Test	IS: 398 part 1 (Cl 12.3)
263	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium standed conductor)	Conductor Resistance test	IS: 398 Part 1 (Cl 12.5)
264	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium standed conductor)	Diameter of individual strands	IS 398 Part1 (Cl 12.2)
265	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium standed conductor)	Lay length Ratio/ Lay Ratio	IS: 398 part 1 (Cl 12.6)
266	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (aluminium standed conductor)	Wrapping Test	IS: 398 part 1(Cl 12.4)
267	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (Galvanized steel reinforced)	Conductor Resistance test	IS: 398 PArt 2 (Cl 12.5)
268	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (Galvanized steel reinforced)	Diameter of Individual Strands	IS : 398 Part 2 (Cl 13.2)
269	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (Galvanized steel reinforced)	Elongation Test	IS 398 Part 2 (Cl 13.3 & 13.4.2)
270	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminium Conductor for overhead purpose, (Galvanized steel reinforced)	Wrapping Test	IS : 398 Part 3 (Cl 13.5)

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271	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductor for overhead purpose, (aluminium alloy stranded conductor (AAAC))	Dimension - Lay Length Lay ratio	IS 398 Part 4 (Cl 9.2)
272	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Aluminum Conductor for overhead purpose, (Galvanized steel reinforced)	Dimension - Lay Length Lay ratio	IS 398 Part 2 (Cl 13.8)
273	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS 6441 (Part 5)
274	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Block density	IS 6441 (Part-1)
275	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension (Heigth)	IS 2185 (Part 3)
276	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension (Length)	IS 2185 (Part 3)
277	MECHANICAL- BUILDINGS MATERIALS	AAC blocks	Dimension (Width)	IS 2185 (Part 3)
278	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
279	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash point & Fire point	IS 1209
280	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
281	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
282	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
283	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Bitumen Content Test	ASTM D 2172
284	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Flow	ASTM D 6927
285	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Stability	ASTM D 6927
286	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Penetration Test	IS 1203
287	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Stripping Value	IS 6241
288	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Dimension (Height)	IS 1077

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289	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks/ Fly Ash Bricks	Dimension (Width)	IS 1077
290	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks/Fly ash Brick/Pre-casted brick	Compressive Strength	IS 3495 (Part-1)
291	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks/Fly ash Brick/Pre-casted brick	Dimensions (length)	IS 1077
292	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks/Fly ash Brick/Pre-casted brick	Efflorescence	IS 3495 (Part-3)
293	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks/Fly ash Brick/Pre-casted brick	Water Absorption	IS 3495 (Part-2)
294	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
295	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)
296	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part-2)
297	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
298	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness Test by Dry Sieving	IS 4031 (Part-1)
299	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
300	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness Test	IS 4031 (Part-3)
301	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Core	Compressive Strength	IS 516 (Part 4)
302	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	% Finer Then 75 micron(Deleterious Material)	IS 2386 (Part-2)
303	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine's Value	IS 2386 (Part-4)
304	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part-4)
305	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part-3)
306	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lump (Deleterious Materials)	IS 2386 (Part-2)
307	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal & Lignite (Deleterious Material)	IS 2386 (Part-2)

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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
308	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
309	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
310	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
311	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-4)
312	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75,10,12.5,16,20,40,63,80 (in mm))	IS 2386 (Part-1)
313	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Sodium Sulphate	IS 2386 (Part-5)
314	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
315	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
316	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516,Part-1 /Sec-.1
317	MECHANICAL- BUILDINGS MATERIALS	Concrete flooring tiles	Dimension (thickness)	IS 1237
318	MECHANICAL- BUILDINGS MATERIALS	Concrete flooring tiles	Dimension (Width)	IS 1237
319	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Dimensions (Length)	IS 1237
320	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Resistance to wear	IS 1237
321	MECHANICAL- BUILDINGS MATERIALS	Concrete Flooring Tiles	Water Absorption	IS 1237
322	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	% Finer than 75 micron (Deleterious Material)	IS 2386 (Part -2)
323	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part-3)
324	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine Aggregate	IS 2386 (Part-3)
325	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lump (Deleterious Materials)	IS 2386 (Part -2)

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326	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal & Lignite (Deleterious Material)	IS 2386 (Part -2)
327	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part-2)
328	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (150 micron, 300 micron, 600 micron, 1.18 mm, 2.36 mm, 4.75 mm, 10 mm)	IS 2386 (Part-1)
329	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium sulphate	IS 2386 (Part-5)
330	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
331	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Water Absorption	IS 2386 (Part-3)
332	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
333	MECHANICAL- BUILDINGS MATERIALS	Glazed/ Ceramic Tiles	Chemical Resistance	IS 13630 (Part-8)
334	MECHANICAL- BUILDINGS MATERIALS	Glazed/ Ceramic Tiles	MOHS Hardness	IS 13630 (Part-13)
335	MECHANICAL- BUILDINGS MATERIALS	Glazed/ Ceramic Tiles	Water Absorption	IS 13630 (Part-2)
336	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516, Part-1/Sec.-1
337	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658
338	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
339	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
340	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Stee	Re-bend Test(MANDREL DIA 25 MM)	IS 1786
341	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	% of Elongation	IS 1608 (Part-1)
342	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Bend Test(Mandrel Dia 25 mm)	IS 1599,
343	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Charpy Impact Test	IS 1757,Part-1

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344	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	IZOD Impact Test	IS 1598
345	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Ultimate Tensile Strength	IS 1608 part-1
346	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Weight per Meter	IS 1786
347	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Yield Stress	IS 1608 part-1
348	MECHANICAL- BUILDINGS MATERIALS	Steel	Rockwell hardness	IS 1586 (Part-1)
349	MECHANICAL- SOIL AND ROCK	Building Stone	Water Absorption	IS 1124
350	MECHANICAL- SOIL AND ROCK	Marble/Stone	Hardness MOHS Scale	IS 1130
351	MECHANICAL- SOIL AND ROCK	Marble/Stone	Moisture Absorption	IS 1124
352	MECHANICAL- SOIL AND ROCK	Marble/Stone	Specific Gravity	IS 1124
353	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
354	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
355	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio Test	IS 2720 (PART-16)
356	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Coefficient of Consolidation)	IS 2720 (PART-15)
357	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (C Value)	IS 2720 (PART-13)
358	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Phi Value)	IS 2720 (PART-13)
359	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
360	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (by Dry Sieving)	IS 2720 (PART-4)
361	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Dry Density)	IS 2720 (PART-8)
362	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Moisture content)	IS 2720 (PART-8)

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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
363	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Dry Density)	IS 2720 (PART-7)
364	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Moisture content)	IS 2720 (Part-7)
365	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Cone Penetrometer	IS 2720 (PART-5)
366	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 (PART-2)
367	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test (By falling head Method)	IS 2720 (PART-17)
368	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (PART-5)
369	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part-6)
370	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (PART-3)
371	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part-41)
372	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (UU) C value	IS 2720 (Part-11)
373	MECHANICAL- SOIL AND ROCK	SOIL	Triaxial Shear Test UU Test (Phi Value)	IS:2720 (Part-11)
374	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part-10)
375	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Carbonation Test	IS 516 (Part 5 / Sec. 3)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Density be Sand Replacement Method	IS 2720 (Part-28)
2	MECHANICAL- SOIL AND ROCK	Soil	Field Density Test by Core cutter Method	IS 2720 (Part-29)
3	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
4	MECHANICAL- SOIL AND ROCK	Soil	Rapid Moisture Test	IS 2720 (Part-2)
5	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC Structures	Rebound Hammer Test	IS 516 (Part 5 / Sec. 4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5 / Sec 1)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete	Carbonation Test	IS 516 (Part 5 / Sec. 3)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Half cell potential test	IS 516 (Part 5 / Sec. 2)

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.