National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECONOMY TESTING & RESEARCH LABORATORY(ETRL), E-5/71, KH NO 175, STREET. NO 12/2, 5TH PUSTA SONIYA VIHAR, NORTH EAST, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/02/2022 to 25/02/2024 **Last Amended on** 13/04/2023

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- FOOD & AGRICULTURAL PRODUCTS	Black pepper,Cumin,long,chilli,ajowan,turmeric,saffron,Fennel,coriander,cinnamon,cardamom,nutmeg	Volatile oil	FSSAI Lab Manual
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid insoluble ash	FSSAI Lab Manual, IS 1485
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic Acidity	FSSAI Lab Manual
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten	FSSAI Lab Manual
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Loss on Drying	FSSAI Lab Manual
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein	FSSAI Lab Manual
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash	FSSAI Lab Manual
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Acid insoluble ash	IS:14433
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Carbohydrate	IS:1656
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Crude fiber	IS:10226(P-1)
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Energy Value	IS:14433
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Fat	IS:1656
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Moisture	IS:1656

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Protein	IS:7219
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Total ash	IS:14433
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Total Ash	IS:14433
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Total Carbohydrate	IS:1656
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Baby Foods, Infant Milk food, Infant formula, Milk-cereal based complementary food, Processed cereal based complementary food/Weaning food/Supplementary food	Total protein	IS:7219
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acid insoluble ash	IS:6287
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acidity	IS:12711
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Carbohydrates	IS:1656
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Energy Value	IS:14433
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture	IS:12711
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Peroxide value	IS:12711
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Protein	IS:7219
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Reducing sugar	IS:4079
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Salt	IS:2860

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total ash	IS:4079
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper,Cumin,long,chilli,Amchur,ajowan,turmeric,saffron,Fennel,coriander,cinnamon,cardamom,nutmeg	Acid in soluble ash	FSSAI Lab Manual
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper,Cumin,long,chilli,Amchur,ajowan,turmeric,saffron,Fennel,coriander,cinnamon,cardamom,nutmeg	Total Ash	FSSAI Lab Manual
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black pepper,Cumin,long,chilli,Amchur,ajowan,turmeric,saffron,Fennel,coriander,cinnamon,cardamom,nutmegSpices and Condiment	Moisture	FSSAI Lab Manual
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Fat	FSSAI Lab Manual
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Moisture	FSSAI Lab Manual
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Butter	Salt	FSSAI Lab Manual
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Casein	Fat on dry basis	IS:1167
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Casein	Moisture	IS:1167
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Casein	Nitrogen	IS:1167
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Casein	Total Acidity	IS:1167
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Casein	Total Ash	IS:1167
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Acidity	IS:10484

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41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Milk Fat	IS:10484
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chhena / Paneer	Moisture	IS:10484
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Acid insoluble ash	IS 612
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Alkalinity	IS:1164
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Moisture	IS:2791, IS:6762, IS:3309, IS:3077, IS:1992, IS:3802
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total ash	IS 2791
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cutch	Insoluble matter	IS:5466
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Acid insoluble ash	IS:3500
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Acidity	FSSAI Lab Manual
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Protein	FSSAI Lab Manual
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Salt	FSSAI Lab Manual
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Total Ash	FSSAI Lab Manual
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Total sucrose	IS:3547
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	TSS	IS:3882

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55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	BR Reading at 40 deg C	FSSAI Lab Manual
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Fat	IS:3509
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	Moisture	IS:3507
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ghee	RM Value	FSSAI Lab Manual
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Carbohydrate	IS:1656
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Damaged/Discolored units (n/m)	FSSAI Lab Manual
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Energy Value	IS:14433
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Extraneous matter	FSSAI Lab Manual
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Fat	FSSAI Lab Manual
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Moisture	IS 4684
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Peroxide Value	FSSAI Lab Manual
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Protein	FSSAI Lab Manual
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	The acidity of extracted fat expressed as oleic acid	FSSAI Lab Manual
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Groundnut, Pistachio, Almond, Cashew, walnut, peanut, apricot nut	Total Ash	FSSAI Lab Manual

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69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Acid in soluble ash	FSSAI Lab Manual
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Moisture	FSSAI Lab Manual
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Reducing sugar	FSSAI Lab Manual
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Sucrose	FSSAI Lab Manual
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Water in soluble matter	FSSAI Lab Manual
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity	IS:9441
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS:4941
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe’s test	IS:4941
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fructose by Glucose ratio	IS:4941
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS:4941
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific gravity at 27°C.	IS:4941
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS:4941
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total reducing sugar	IS:4941
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Kattha	Matter insoluble in rectified spirit	IS:2962

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83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Kattha	Acid insoluble ash	IS:2962
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Kattha	Catechin	IS:2962
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Kattha	Insoluble in boiling water	IS:2962
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Kattha	Loss on drying	IS:2962
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Kattha	Total Ash	IS:2962
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Acidity	FSSAI Lab Manual, IS : 4883 - 1980
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Fat	FSSAI lab Manual
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Total Ash	FSSAI Lab Manual
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Khoya	Total Solids	FSSAI LAB Manual
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Acidity	FSSAI Lab Manual
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Moisture	FSSAI Lab Manual
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Protein	FSSAI Lab Manual

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95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	SNF	FSSAI Lab Manual
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Sucrose	FSSAI Lab Manual
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 Fat	FSSAI Lab Manual
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 Milk Solids	FSSAI Lab Manual
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Liquid Milk: Raw/Sterilized/Pasteurized/Flavored/Toned/Double Toned/Standardized/ Recombined/Condensed/Sweetened/Full cream/Skimmed/Evaporated/Sweetened Condensed	Total Solids	FSSAI Lab Manual
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged food products	Alcoholic acidity	IS:1158:
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Carbohydrate	IS:1656
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Crude Fibre	IS:10226(P1)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Energy Value	IS:14433
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Fat	FSSAI lab MANUAL
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Moisture	IS:10382

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106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged food products	Peroxide value	IS548:
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Protein	FSSAI Lab Manual
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged food products	Sucrose	IS:4941
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged Food Products	Total Ash	IS:4723
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Packaged food products	Total nitrogen	IS:5643
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Non Volatile ether extract	IS:1797
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value	FSSAI Lab Manual
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	BR Reading at 40 deg C	FSSAI Lab Manual
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	FFA	FSSAI Lab Manual
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value	FSSAI Lab Manual
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture	FSSAI Lab Manual
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Peroxide value	FSSAI Lab Manual
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification value	FSSAI Lab manual
119	CHEMICAL- WATER	Drinking Water	Aluminium(as Al)	IS:3025(Part-55)
120	CHEMICAL- WATER	Drinking Water	Ammonia(as NH3)	IS:3025(Part-34)

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121	CHEMICAL- WATER	Drinking Water	calcium(asCa)	IS:3025(Part-40)
122	CHEMICAL- WATER	Drinking Water	Chloride(as Cl)	IS:3025(Part-32)
123	CHEMICAL- WATER	Drinking Water	Colour	IS:3025 part 4
124	CHEMICAL- WATER	Drinking Water	Fluoride(as F)	IS:3025(Part-60)
125	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS:3025(Part-26)
126	CHEMICAL- WATER	Drinking Water	Magnesium(as Mg)	IS:3025(Part-46)
127	CHEMICAL- WATER	Drinking Water	Nitrate(as NO3)	IS:3025(Part-34)
128	CHEMICAL- WATER	Drinking Water	Nitrite(as NO2)	IS:3025(Part-34)
129	CHEMICAL- WATER	Drinking Water	Odour	IS:3025(Part-5)
130	CHEMICAL- WATER	Drinking Water	pH	IS:3025(Part-11)
131	CHEMICAL- WATER	Drinking Water	Sulphate(as SO4)	IS:3025(Part-24) Sec1
132	CHEMICAL- WATER	Drinking Water	Taste	IS:3025(Part-8
133	CHEMICAL- WATER	Drinking Water	Total Acidity	IS:3025(Part-22)
134	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS:3025(Part-23)
135	CHEMICAL- WATER	Drinking Water	Total Dissolve Solids	IS:3025(Part-16)
136	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS:3025(Part-21)
137	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025(Par10)t-
138	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Calcium(as Ca)	IS:3025(Part-40)
139	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water	Colour	IS:3025(Part4)
140	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Aluminium(as Al)	IS:3025(Part-55)
141	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Ammonia as N	IS:3025(Part-34)
142	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Chloride(as Cl)	IS:3025(Part-32)
143	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Fluoride(as F)	IS:3025(Part-60)

SCOPE OF ACCREDITATION

Laboratory Name : ECONOMY TESTING & RESEARCH LABORATORY(ETRL), E-5/71, KH NO 175, STREET. NO 12/2, 5TH PUSTA SONIYA VIHAR, NORTH EAST, DELHI, 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
144	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Free residual chlorine,	IS:3025(Part-26)
145	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Iron(as Fe)	IS:3025(Part-53)
146	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Magnesium(as Mg)	IS:3025(Part-46)
147	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Nitrate(as NO3)	IS:3025(Part-34)
148	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Nitrite(as NO2)	IS:3025(Part-34)
149	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Odour	IS:3025(Part-5
150	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	pH value	IS:3025(Part-11)
151	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Silica(as SiO2)	IS:3025(Part-35)
152	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Sulphate(as SO4)	IS:3025(Part-24) Sec 1
153	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Sulphide(as S)	IS:3025(Part-29)
154	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Taste	IS:3025(Part- 8)
155	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	TDS	IS:3025(Part-16)
156	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Total Hardness(asCaCO3)	IS:3025(Part-21)
157	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,Industrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Turbidity	IS:3025(Part-10)

SCOPE OF ACCREDITATION

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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
158	CHEMICAL- WATER	Ground water,Borewell water,swimmiming pool water,ndustrial water,Packaged Drinking water,surface water,purifier water,irrigation water	Total Alkalinity (as CaCO3)	IS:3025(Part-23)
159	CHEMICAL- WATER	Water for construction purpose	Acidity	IS:3025(Part-23)
160	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS:3025(Part-23)
161	CHEMICAL- WATER	Water for construction purpose	chloride(as Cl)	IS:3025(Part-32)
162	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS:3025(Part-18)
163	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS:3025(Part-18)
164	CHEMICAL- WATER	Water for construction purpose	pH	IS:3025(Part-11)
165	CHEMICAL- WATER	Water for construction purpose	Sulphate(as SO3)	IS:3025(Part-24)
166	CHEMICAL- WATER	Water for construction purpose	Suspended matter	IS:3025(Part 17)