SCOPE OF ACCREDITATION

Laboratory Name : LTC LAB-TESTING SERVICES, LTC COMMERCIAL COMPANY (P) LIMITED, 156, NAVALGARH HOUSE, JAIPUR, RAJASTHAN, INDIA

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Permanent Facility				
1	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Oil Cake, Oil Cake	Crude Fiber (Dry Basis)	IS 7874 (Part 1)
2	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Oil Cake, Oil Cake	Total Ash (Dry Basis)	IS 7874 (Part 1)
3	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Oil Cake, Oil Cake	Acid Insoluble Ash	IS 7874 (Part 1)
4	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Oil Cake, Oil Cake	Crude Fat (Dry Basis)	IS 7874 (Part 1)
5	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed Oil Cake, Oil Cake	Crude Protein (Dry Basis)	IS 7874 (Part 1)
6	CHEMICAL- ANIMAL FOOD & FEEDS	Cotton Seed oil Cake, Oil Cake	Moisture	IS 7874 (Part 1)
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Gum	Gum Content	IS 7437
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Gum	Moisture	IS 7437
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Gum	Protein Nx6.25 (Dry Basis)	IS 7437
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Gum	Residue Insoluble in Acid	IS 3988
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Gum	Total Ash(Dry Basis)	IS 7437
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Barley	Test Weight	IS 4333 (Part 4)
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Light pepper	IS 1798
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Pepper	Pin Heads, Broken Berry	IS 1798

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15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom	Light Seeds, Brown, Red Seeds	FSSAI Manual methods of analysis of foods Spice Herbs & Condiments, Method No. FSSAI 10.002
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Red Grains	IS 4333 (Part 1)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Broken	IS 4333 (Part 1)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Crude Fiber(Dry Basis)	IS 10226 (Part 1)
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Ergot Effected Grains	IS 4333 (Part 1)
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Foreign Matter(Organic & Inorganic)	IS 4333 (Part 1)
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Hectoliter Weight	IS 4333 (Part 3)
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Moisture	IS 4333 (Part 2)
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Other Food Grains	IS 4333 (Part 1)
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Protein Nx5.7 (Dry Basis)	IS 7219
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Varietal Admixture	IS 4333 (Part 1)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Weevilled, Insect Damaged Matter	IS 4333 (Part 1)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Damaged, Discoloured	IS 4333 (Part 1)

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals, pulses & cereal products	Shrivelled, Immature	IS 4333 (Part 1)
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli	Broken Chillies	IS 2322
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli	Colour	IS 2322
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli	Damaged, Discoloured, Black Stained& Unripe and Marked Fruits	IS 2322
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli	Free From Moulds & Insects	IS 2322
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilli	Odour & Flavour	IS 2322
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Khokar Cloves	FSSAI Manual methods of analysis of foods Spice Herbs & Condiments, Method No. FSSAI 10.002
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Mother Cloves	FSSAI Manual methods of analysis of foods Spice Herbs & Condiments, Method No. FSSAI 10.002
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cloves	Headless Cloves	FSSAI Manual methods of analysis of foods Spice Herbs & Condiments, Method No. FSSAI 10.002
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Moisture	IS 548 (Part 1/Section 2)
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Acid Value	IS 548 (Part 1/Section 2)
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible oils & Fats	Baudouin Test	IS 548 (Part 2)
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Free Fatty Acid	IS 548 (Part 1/Section 2)

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41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Insoluble Impurities	IS 548 (Part 1/Section 2)
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Iodine Value	IS 548 (Part 1/Section 2)
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Peroxide Value	IS 548 (Part 1/Section 2)
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Refractive Index at 40°C	IS 548 (Part 1/Section 2)
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Saponification Value	IS 548 (Part 1/Section 2)
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Specific Gravity at 25/20°C	IS 548 (Part 1/Section 2)
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Oils & Fats	Unsaponification Value	IS 548 (Part 1/Section 2)
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Gum	Dehusked Splits	IS 2813
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Seed	Broken	IS 4333 (Part 1)
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Seed	Damaged Seed	IS 4333 (Part 1)
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Seed	Foreign Matter	IS 4333 (Part 1)
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Seed	Moisture	IS 4333 (Part 2)
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Seed	Other Food Grains	IS 4333 (Part 1)
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Guar Seed	Shrunken, Shrivelled, Immature	IS 4333 (Part 1)

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55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Moisture	IS 15279
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Gur / Jaggery	Sulphur Di-Oxide(Dry Basis)	IS 15279
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida	Gluten(Dry Basis)	IS 1009
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Besan	Acid Insoluble Ash(Dry Basis)	IS 1009
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Besan	Moisture	IS 1009
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Besan	Total Ash(Dry Basis)	IS 1009
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida, Besan	Alcoholic Acidity(Dry Basis)	IS 1009
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Foreign Matter	IS 3579
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Oil Content(Dry Basis)	IS 3579
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Free Fatty Acid	IS 548 (Part 1/Sec 2)
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Damage, Slightly Damage, Insect Damage	IS 3579
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Inorganic Matter	IS 3579
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Moisture	IS 3579
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil Seeds & by Products	Shrivelled, Immature	IS 3579

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69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Acid Insoluble Ash(Dry Basis)	IS 5453 (Part 2)
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Extraneous Matter	IS 5453 (Part 2)
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Floral Waste	IS 5453 (Part 2)
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Moisture & Volatile Matter	IS 5453 (Part 2)
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Saffron	Total Ash(Dry Basis)	IS 5453 (Part 2)
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Moisture	IS 16072
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Total Ash(Dry Basis)	IS 14433 (Part 1)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Acid Insoluble Ash(Dry Basis)	IS 1797
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Broken Splits	IS 1797
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Damaged & Discoloured	IS 1797
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Other Edible Seed	IS 1797
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Total Ash(Dry Basis)	IS 1797
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Volatile Oil	IS 1797
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Weevilled, Insect Damage Matter	IS 1797

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83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Moisture	IS 1797
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Shrivelled,Immature	IS 1797
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Crude Fiber(Dry Basis)	IS 1797
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments (Whole & Grounds)	Foreign Matter	IS 1797
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Acid Insoluble Ash(Dry Basis)	IS 1010
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Alcoholic Acidity(Dry Basis)	IS 1010
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Gluten(Dry Basis)	IS 1010
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Moisture	IS 1010
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji	Total Ash(Dry Basis)	IS 1010
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powdered and finger)	Lead Chromate Test	IS 3576
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole	Broken Finger	IS 3576
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole	Bulb	IS 3576
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole	Defective Rhizomes	IS 3576
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole	Internally Damaged	IS 3576

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97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric Whole	Unboiled Or Less Boiled	IS 3576
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Acid Insoluble Ash(Dry Basis)	IS 1155
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Alcoholic Acidity(Dry Basis)	IS 1155
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Gluten(Dry Basis)	IS 1155
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Moisture	IS 1155
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat Flour	Total Ash (Dry Basis)	IS 1155
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Extraneous Matter	IS 15279
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Grain Size Retained On Sieve	IS 498
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	ICUMSA Colour	IS 15279
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Moisture	IS 15279
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sulphur Di-Oxide(Dry Basis)	IS 15279
108	CHEMICAL- SOIL AND ROCK	Soil	Boron as B	LTC/SOP/02 (Issue No. 01, Issue Date: 18.10.2018)
109	CHEMICAL- SOIL AND ROCK	Soil	Copper as Cu	LTC/SOP/02 (Issue No. 01, Issue Date: 18.10.2018)
110	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14767
111	CHEMICAL- SOIL AND ROCK	Soil	Iron as Fe	LTC/SOP/02 (Issue No. 01, Issue Date: 18.10.2018)

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112	CHEMICAL- SOIL AND ROCK	Soil	K2O	LTCLAB/JP/MV/078 (Issue No. 01, Issue Date:18.02.2018)
113	CHEMICAL- SOIL AND ROCK	Soil	Manganese as Mn	LTC/SOP/02 (Issue No. 01,Issue Date:18.10.2018)
114	CHEMICAL- SOIL AND ROCK	Soil	Organic Carbon	IS 2720 (Part 22)
115	CHEMICAL- SOIL AND ROCK	Soil	PH	IS 2720 (Part 26)
116	CHEMICAL- SOIL AND ROCK	Soil	Phosphorous as P2O5	IS 5305
117	CHEMICAL- SOIL AND ROCK	Soil	Sulfur as S	LTC/SOP/02 (Issue No. 01, Issue Date:18.10.2018)
118	CHEMICAL- SOIL AND ROCK	Soil	Zinc as Zn	LTC/SOP/02 (Issue No. 01, Issue Date:18.10.2018)
119	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
120	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
121	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
122	CHEMICAL- WATER	Drinking Water	Conductivity at 25°C	IS 3025 (Part 14)
123	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 (Part 60)
124	CHEMICAL- WATER	Drinking Water	Nitrate as No3	IS 3025 (Part 34)
125	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
126	CHEMICAL- WATER	Drinking Water	PH	IS 3025 (Part 11)
127	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (Part 45)
128	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
129	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45)
130	CHEMICAL- WATER	Drinking Water	TDS	IS 3025 (Part 16)
131	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
132	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCo3	IS 3025 (Part 21)
133	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40)
134	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (Part 32)
135	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (Part 4)
136	CHEMICAL- WATER	Ground Water	Conductivity at 25°C	IS 3025 (Part 14)
137	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (Part 60)

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138	CHEMICAL- WATER	Ground Water	Nitrate as No3	IS 3025 (Part 34)
139	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
140	CHEMICAL- WATER	Ground Water	PH	IS 3025 (Part 11)
141	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 (Part 45)
142	CHEMICAL- WATER	Ground Water	Residual Chlorine	IS 3025 (Part 26)
143	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 (Part 45)
144	CHEMICAL- WATER	Ground Water	TDS	IS 3025 (Part 16)
145	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
146	CHEMICAL- WATER	Ground Water	Total Hardness as CaCo3	IS 3025 (Part 21)