SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6145
Page No	1 of 28
Validity	04/07/2021 to 03/07/2023
Last Amended on	27/09/2021

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	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary product	Total plate Count	IS 5402
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Coliform count	IS 5401 (Part 1&2)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery products	E.Coli	IS 5887 (Part -1)
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & confectionery Products	Salmonella	IS 5887 (Part -3)
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Shigella	IS 5887 (Part -7)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus	IS 5887 (Part-2)
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast & Mould Count	IS 5403
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bevareges	Coliform count	IS 5401 (Part - 1)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages	Total Plate count	IS 5402
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages	Yeast & mould count	IS 5403
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cerals, Pulses & Cereal Products	Coliform Count	IS 5401 (Part 1&2)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereal, Pulses & Cereal Products	E.Coli	IS 5887 (Part-1)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals , Pulses & Cereal Products	Shigella	IS 5887 (Part-7)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	2 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Yeast & Mould Count	IS 5403
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	IS 5887 (Part-3)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus	IS 5887 (Part -2)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Total Plate Count	IS 5402
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	Coliform count	IS 5401 (Part-1)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	E.Coli	IS 5887 (Part-1)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	Salmonella	IS 5887 (Part- 3)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	Shigella	IS 5887 (Part-7)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	staphylococcus aureus	IS 5887 (Part-2)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	Total Plate Count	IS 5402
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Dry Fruits and Nuts	Yeast & mould Could	IS 5403
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk powder, Yoghurt, Probiotic Curd, Frozen Dessert	Coilform Count	IS 5401 (Part-1)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk powder, Yoghurt, Probiotic Curd, Frozen Dessert	E.Coli	IS 5887 (Part-1)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk powder, Yoghurt, Probiotic Curd, Frozen Dessert	Salmonella	IS 5887 (Part-3)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	3 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk powder, Yoghurt, Probiotic Curd, Frozen Dessert	Shigella	IS 5887 (Part-7)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk powder, Yoghurt, Probiotic Curd, Frozen Dessert	Staphylococcus aureus	IS 5887 (Part-2)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk Powder, Yoghurt, Probiotic Curd, Frozen Dessert	Total Plate Count	IS 5402
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Flavoured Milk, Milk powder, Yoghurt, Probiotic Curd, Frozen Dessert	Yeast & Mould Count	IS 5403
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	Coliform Count	IS 5401 (Part-1)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	E.Coli	IS 5887 (Part-1)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	Salmonella	IS 5887 (Part -3)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	Shigella	IS 5887 (Part-7)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	staphylococcus aureus	IS 5887 (Part-2)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	Total Plate Count	IS 5402
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Infant milk substitute & milk cereal based weaning food, Protien rich food supplement for infant & children processed cereal based Complementary food	Yeast & Mould Count	IS 5403
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Product	Listeria Monocytogenes	IS: 14988(Part 1)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally Processed vegetable , Tomato Products (Tomato juices, soup, puree, Paste. Ketchup, sauce) , Mixed Veg	Total Plate count	IS 5402
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally processed vegetables, Tomato products (tomato juices, soup, puree, paste, ketchup, sauce), Mixed veg	Coliform count	IS 5401 (Part 1&2)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 4 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally processed vegetables, Tomato products (tomato juices, soup, puree, paste, ketchup, sauce), Mixed veg	E.coli	IS 5887 (Part-1)
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally processed vegetables, Tomato products (tomato juices, soup, puree, paste, ketchup, sauce), Mixed veg	Salmonella	IS 5887 (Part-3)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally processed vegetables, Tomato products (tomato juices, soup, puree, paste, ketchup, sauce), Mixed veg	Shigella	IS 5887 (Part-7)
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally processed vegetables, Tomato products (tomato juices, soup, puree, paste, ketchup, sauce), Mixed veg	Staphylococcus aureus	IS 5887 (Part-2)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Thermally processed vegetables, Tomato products (tomato juices, soup, puree, paste, ketchup, sauce), Mixed veg	Yeast & Mould Count	IS 5403
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole ground , Mixed	E.coli	IS 5887 (Part -1)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole Ground , Mixed	Staphylococcus aureus	IS 5887 (Part - 2)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole Ground ,Mixed	Coliform Count	IS 5401 (Part 1&2)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole Ground ,Mixed	Salmonella	IS 5887 (Part-3)
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole ground Mixed	Yeast & Mould count	IS 5403
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole Ground, Mixed	Shigella	IS 5887 (Part - 7)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole ground, mixed	Total plate count	IS 5402
54	BIOLOGICAL- WATER	Dialysis Water	Bacterial Endotoxin	IP 2018, Clause 2.2.3, Page No. 28-33. Volume-I, Part-I
55	BIOLOGICAL- WATER	Dialysis water	Total Viable Count	IP 2018, Clause 5.6, Page No. 998-1001. Volume-I, Part-II
56	BIOLOGICAL- WATER	Drinking Water	Escherichia Coli	IS:15185

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 5 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
57	BIOLOGICAL- WATER	Drinking Water	Feacal coliform	IS 1622
58	BIOLOGICAL- WATER	Drinking Water	Total Coliform	IS:15185
59	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial count	IS 5402
60	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform Organism	IS:15185
61	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal streptococci	IS:15186
62	BIOLOGICAL- WATER	packaged drinking Water	Pseudomonas Aeruginosa	IS: 13428
63	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella	IS 15187
64	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella	IS:15187
65	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus aureus	IS:5887 (Part-2)
66	BIOLOGICAL- WATER	Packaged Drinking water	Sulphite Reducing Anaerobes	IS 13428, Annex C
67	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio Cholera & Vibrio Paraheamolyticus	IS 5887 (Part -5)
68	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast and Mould	IS 5403
69	BIOLOGICAL- WATER	Swimming Pool Water	MPN Coliform Count	IS 1622
70	BIOLOGICAL- WATER	swimming pool water	Standard Plate count	IS 3328
71	CHEMICAL- ANIMAL FOOD & FEEDS	Pet Foods	Ash	IS:7874(Part-1)
72	CHEMICAL- ANIMAL FOOD & FEEDS	Pet Foods	Crude Fibre	IS:7874(Part-1)
73	CHEMICAL- ANIMAL FOOD & FEEDS	Pet Foods	Energy (Calorific Value)	IS:14433(Part-1)
74	CHEMICAL- ANIMAL FOOD & FEEDS	Pet Foods	Moisture	IS:7874
75	CHEMICAL- ANIMAL FOOD & FEEDS	Pet Foods	Protein	IS:7219
76	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	CEFT/SOP/AM/36
77	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic	CEFT/SOP/As-10
78	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (Part-11) Method 1
79	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo(a)Pyrene	IS 5182 (Part-12)
80	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	CO	IS 5182 (Part-10)

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	6 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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81	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	CEFT/SOP/ Ni-08
82	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part-9)
83	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PAH	IS 5182 (Part -12)
84	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Lead	IS 5182 (Part-22)
85	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Nitrogen Dioxide (NO2)	IS 5182 (Part-06)
86	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Particulate Matter (PM10)	IS 5182 (Part-23)
87	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Particulate Matter (PM2.5)	IS 5182 (Part 24)
88	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Sulphur Dioxide (SO2)	IS 5182 (Part-02)
89	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Testing	Ambient Noise Testing (Leq)	IS 1989
90	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Testing	Source Noise Testing dB (A)	IS 9000 (Part-21)
91	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Air Monitoring	Carbon Dioxide (CO2)	IS 13270
92	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Air Monitoring	Carbon Mono-oxide (CO)	IS 13270
93	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Air Monitoring	Oxide of Nitrogen (NOx)	IS 5182 (Part-7)
94	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Air Monitoring	Oxygen (O2)	IS 13270
95	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Air Monitoring	Particulate Matter	IS 11255 (Part-1)
96	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Air Monitoring	Sulphur Dioxide (SO2)	IS 11255 (Part-2)
97	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Hydrocarbon	IS 13270
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Added Urea	FSSAI 1st Ed., Method 1.2.4.1

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	7 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Cellulose	FSSAI 1st Ed., Method 1.2.2.1
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Hydrogen Peroxide	FSSAI 1st Ed., Method 1.2.18
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	“Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Alcoholic Acidity	IS 1155
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	“Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Insect	Clause 1.0 FSSAI 1st Ed.,
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	“Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Total Ash	IS 4684
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	“Ready to Eat Fruits & Vegetable Products (Processed	Moisture	IS 4624
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Acid Insoluble Ash	IS 1011
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Acidity of extracted fat	IS 1011
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Alcoholic Acidity	IS 12711
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Crude Fibre	IS 12711
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Energy (Calorific Value)	IS 14433 (Part-1)
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Fat	IS 12711
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Moisture	IS 1011
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	pH	IS 12711

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	8 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Protein	IS 7219
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Sugar	IS 2650
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Total Ash	IS 1011
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery Products	Total Solids	IS 12711
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Fat	Clause 6.3 of Annex. A FSSAI 1st Ed.,
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cheese	Moisture	Clause 6.2 of Annex. A FSSAI 1st Ed.,
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate (Milk Chocolate, Milk Covering Chocolate, Plain Chocolate, Plain Covering Chocolate, White Chocolate, Blend Chocolate	Acid Insoluble Ash	IS 1163
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate (Milk Chocolate, Milk Covering Chocolate, Plain Chocolate, Plain Covering Chocolate, White Chocolate, Blend Chocolate	Milk Solids	IS 1163
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate (Milk Chocolate, Milk Covering Chocolate, Plain Chocolate, Plain Covering Chocolate, White Chocolate, Blend Chocolate)	MIlk Fat	IS 1163
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chocolate (Milk Chocolate, Milk Covering Chocolate, Plain Chocolate, Plain Covering Chocolate, White Chocolate, Blend Chocolate)	Total Fat	IS 1163
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Conefictionary	Sucrose Content	IS 6287
124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Acid insoluble ash	IS 6287
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Ash Sulphates	IS 6287
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Detection of added synthetic colouring matter	Clause 4.2 of Annex. E FSSAI 1st Ed

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	9 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Fat	IS 6287
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Moisture	IS 6287
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Protein	IS 6287
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Confectionary	Reducing Sugar	IS 6287
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Alkalinity	IS 7224
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Iodine Content	IS 7224
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Moisture	IS 7224/IS 253
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Sodium Chloride Content (Salt)	IS 7224/IS 253
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Water Insoluble Matter	IS 7224/ IS 253
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Salt	Water Soluble Matter other than NaCl	IS 7224/ IS 253
137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan	Fat	IS 4684
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Acid Insoluble Ash	IS 1155
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Argemone seeds	Clause 1.0 of Annex. B FSSAI 1st Ed.,
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Crude Fibre	IS 1155

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Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	10 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Detection of added synthetic colouring matter	Clause 4.2 of Annex. E FSSAI 1st Ed.,
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Energy (Calorific Value)	IS 14433 (Part-1)
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Gluten	IS 1155
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Microscopic examination	Clause 13 FSSAI Lab Manual (Cereal & Cereal Products),
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Moisture	IS 1155
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Presence of mould	Clause 1.0 FSSAI Lab Manual (Cereal & Cereal Products),
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Protein	IS 7219
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Rodent hair & Extracts	Clause 1.5 FSSAI Lab Manual (Cereal & Cereal Products),
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Pulses, Cereal & Cereal Products (Atta, Maida, Suji, Besan)	Total Ash	IS 1155
150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Acidity (as formic acid)	IS 4941
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe’s Test	IS 4941
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Hydroxy methyl furfural (HMF)	IS 4941
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Moisture	IS 4941

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	11 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Optical Density at 660nm	IS 4941
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific Gravity	IS 4941
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Sucrose	IS 4941
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Total Reducing Sugar	IS 4941
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Subsitutes, Milk Powder, Paneer SMP, WMP Cheese	Moisture	IS 16072
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Added Glucose	FSSAI 1st Ed., Method 1.2.7.1
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Ammonium Compounds	FSSAI 1st Ed., Method 1.2.5
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Boric acid & Borates	FSSAI 1st Ed., Method 1.2.19
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Cellulose	FSSAI 1st Ed., Method 1.2.3
164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Detection of added synthetic colouring matter	Clause 4.2 of Annex. E FSSAI 1st ED,.
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Energy (Calorific Value)	IS 14433 (Part-1)
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Fat	IS 11721
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Formalin	FSSAI 1st Ed., Method 1.2.17
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Hypochlorites & chloramines	FSSAI 1st Ed., Method 1.2.12

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	12 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Neutralizer	FSSAI 1st Ed., Method 1.2.11
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Protein	IS 7219
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Salicylic acid	FSSAI 1st Ed., Method 1..2.20
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Sodium Chloride	FSSAI 1st Ed., Method 1.2.8
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Sugar	IS 4079
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Titrable Acidity	IS 1165
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Total ash	IS 14433 (Part-1)
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP	Vitamin C	IS 5838
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk Substitutes, Milk Powder, Paneer, SMP, WMP Cheese	Acid Insoluble ash	IS 14433 (Part-1)
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products (Raw & Processed	Energy (calorific value)	IS 14433 (Part-1)
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products (Raw & Processed	Total Fat	IS 5960 (Part-3)
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products (Raw & Processed)	Moisture	IS 5960
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products (Raw & Processed)	Nitrogen Content	IS 5960 (Part-1)
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Meat and Meat Products (Raw & Processed)”	Ash	IS 5960

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	13 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Plastic Bottles for Packaged Natural Mineral Water and Packaged Drinking Water)	Colour Migration	IS 9845
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Plastic cap for Packaged Natural Mineral Water and Drinking Water Packaged and Food Bottles)	Amount of Extractive	IS:9845
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Plastic cap for Packaged Natural Mineral Water and Drinking Water Packaged and Food Bottles)	Color Migration	IS 10146
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Polyethylene flexible pouches for the Packing of Natural Mineral Water)	Amount of Extractive	IS 15609
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Polyethylene flexible pouches for the Packing of Natural Mineral Water)	Amount of Extractive	IS 15609
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Polyethylene flexible pouches for the Packing of Natural Mineral Water)	Color Migration	IS 15609
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Polyethylene for used in content in food stuff (Overall Migration)	Amount of Extractive	IS 10146
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration (Polyethylene for used in content in food stuff (Overall Migration)	Amount of Extractive	IS 10146
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration Test (Plastic cap for Packaged Natural Mineral Water and Packaged Drinking Water and Food Bottles)	Amount of Extractive	IS:9845
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration Test (Plastic cap for Packaged Natural Mineral Water and Packaged Drinking Water and Food Bottles)	Amount of Extractive	IS:9845
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Migration(Plastic cap for packaged natural mineral water and packaged drinking water and food bottles	Amount of Extractive (mg/L)	IS 9845
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Added urea	FSSAI 1st Ed., Method 1.2.4.1
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & milk products	Cane sugar	FSSAI 1st Ed., Method 1.2.1.1
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Cellulose	FSSAI 1st Ed., Method 1.2.3

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 14 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Milk Products	Starch	FSSAI 1st Ed., Method 1.2.2.1
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products	Acid Insoluble Ash	IS 4684
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products	Fat	IS 4684
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products	Moisture	IS 4684
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products	Protein	IS 4684
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products	Total Ash	IS 4684
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nuts Products	Energy (as Calorific Value)	IS 14433 (Part-1)
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Acid Value	IS 548 (Part-1)
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Argemone Oil	Clause 16 of Annex. B FSSAI 1st Ed.,
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Baudouin Test	Clause 15 of Annex. B FSSAI 1st Ed.,
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Castor Oil by TLC	IS 548 (Part-1)
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Cotton Seed Oil (Halphen Test)	Clause 16 of Annex. B FSSAI 1st Ed.,
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Detection of added synthetic colouring matter	Clause 39 of Annex. B FSSAI 1st Ed.,
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Free Fatty Acid	IS 548 (Part-1)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	15 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Iodine Value	IS 548 (Part-1)
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Melting Point	IS 548 (Part-1)
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Mineral Oil by TLC	Clause 28 of Annex. B FSSAI 1st Ed.,
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Moisture & Volatile matter	IS 548 (Part-1)
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Peroxide Value	IS 548 (Part-1)
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Polybromide Test	Clause 20 of Annex. B FSSAI 1st Ed.,
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Refractive Index	IS 548 (Part-1)
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	RM Value	IS 548 (Part-1)
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Saponification Value	IS 548 (Part-1)
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Specific gravity	IS 548 (Part-1)
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils & Fats	Unsaponifiable matter	IS 548 (Part-1)
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pet Food	Ash	IS 7874
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Acid Insoluble Ash	IS 4684
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Crude Fibre	IS 4684

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 16 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Energy (Calorific Value)	IS 14433 (Part-1)
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Fat	IS 4684
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Moisture	IS 4684
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Protein	IS 7219
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Sugar	IS 2650
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Protein-Rich Food Supplements & Ready-to-Eat Protein Rich Extruded Fortified Foods Meant for Preschool Children & Women	Vitamin C	IS 5838
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed	Acidity	IS 13844
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed	Crude Fibre	IS 10226 (Part-1)
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Acid Insoluble ash	IS 4624
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Artificial sweetener as saccharin	Clause 3.1 FSSAI Lab Manual (Food Additives),
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Ash	IS 4624
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Detection of added synthetic colouring matter	Clause 4.2 of Annex. E FSSAI 1st Ed.,
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Energy (Calorific Value)	IS 14433 (Part-1)
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Fat	IS 4648

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 17 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Protein	IS 7219
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Sodium Chloride	IS 2860
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Sugar	IS 2650
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Eat Fruits & Vegetable Products (Processed)	Vitamin C	IS 5838
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Serve Carbonated & Non Carbonated Beverages (Alcoholic & Non- Alcoholic	Residue on Evaporation	IS 3752
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Serve Carbonated & Non Carbonated Beverages (Alcoholic & Non- Alcoholic)	Alcoholic Content	IS 3752
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Serve Carbonated & Non Carbonated Beverages (Alcoholic & Non- Alcoholic)	Artificial sweetener as saccharin	Clause 3.1 of Annex. E FSSAI 1st Ed.,
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Serve Carbonated & Non Carbonated Beverages (Alcoholic & Non- Alcoholic)	Brix	IS 13815
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Serve Carbonated & Non Carbonated Beverages (Alcoholic & Non- Alcoholic)	pH	Clause 15.2 of Annex C FSSAI 1st Edition 2017 & AOAC 945.10 (21st Edition 2019), Chapter-27 Page No. 7
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Ready to Serve Carbonated & Non Carbonated Beverages (Alcoholic & Non- Alcoholic)	Total Acidity	IS 13844/IS 3752
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens	Peroxide Value of extracted fat	IS 15271
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens	Protein	IS 7219
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens)	Acid Insoluble Ash	IS 15271

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 18 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens)	Acid Value of extracted fat	IS 15721
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens)	Ash	IS 15271
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens)	Energy (Calorific Value)	IS 14433 (Part-1)
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens)	Fat	IS 15271
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Snacks & Extruded Snacks (Nankeens)	Moisture	IS 15271
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Acidity	IS 13242
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Alcohol soluble extract	IS 1797
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Chromate test in Turmeric powder/Whole	IS 3576
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Cold water soluble extract	IS 1797
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Cold water soluble extract	IS 1797
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Crude Fibre	IS 1797
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Curcumin content in Turmeric Powder/Whole	IS 10925
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Detection of Added synthetic colouring matter	Clause 4.2 of Annex. E FSSAI 1st Ed.,
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Non Volatile ether extract	IS 1797

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	19 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Protein	IS 7219
267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Salt	IS 1787
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Starch	IS 4706 (Part-2)
269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Volatile oil	IS 1797
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments	Water Insoluble Ash	IS 1797
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Acid Insoluble Ash	IS 1797
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Moisture/Loss on Drying	IS 1797
273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices and Condiments	Total Ash	IS 1797
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)	Ash Content	IS 4941
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)	Detection of Added synthetic coloring matter	Clause 4.2 FSSAI Lab Manual (Food Additives),
276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)	Dirt, Filth & Iron Fillings	IS 5975
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)	Extraneous Matter	IS 5975
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)	Moisture	IS 15279
279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)	Sulphated Ash	IS 15279

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	20 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar (Cane Sugar, Raw Sugar)”	Total Sugar (Expressed as Sucrose)	IS 15279
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Acid Insoluble Ash	IS 13857
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Alkalinity of Soluble ash	IS 13856
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	crude Fibre	IS 10226(Part-1)
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Dry Matter Content	IS 3633
285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Moisture	IS 2791
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Total Ash	IS 13854
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Water Extract	IS 13862
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea & Coffee	Water Soluble Ash	IS 13855
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tobacco & Tobacco Products	Acid Insoluble ash	IS 5643
290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tobacco & Tobacco Products	Moisture	IS 5643
291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tobacco & Tobacco Products	Nicotine Content	IS 5643
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tobacco & Tobacco Products	Total Ash	IS 5643
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tobacco & Tobacco Products	Total Nitrogen	IS 5643

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 21 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
294	CHEMICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionary product	Total plate Count	IS 5402
295	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen	IS 14684
296	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	BulK Density	IS 2720 (Part-28 & 29)
297	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate (CaCO3)	IS 2720 (Part-23)
298	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchange Capacity (CEC)	IS 2720 (part- 24)
299	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride	USEPA 9253, CEFT/SOP/S-02/Issue No. 01 date 22.06.2021
300	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	IS 2720 (Part-2)
301	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part-22)
302	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH Value	IS 2720 (Part-26)
303	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Silica	IS 2720 (Part-25)
304	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Specific Electrical Conductivity	IS 14767
305	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total kjeldahl Nitrogen	IS 14684
306	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Soluable Sulphate (TSS)	IS 2720 (part-27)
307	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Suspended Solids (TSS)	IS 2720 (Part-21)
308	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as NH3 (Titrimetric Method)	IS 3025 (Part-34)
309	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand at 27°C for 3 days	IS 3025 (Part-44)
310	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium (Cd)	IS 3025 (Part-41)
311	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	IS 3025 (Part-40)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6145
Page No	22 of 28
Validity	04/07/2021 to 03/07/2023
Last Amended on	27/09/2021

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312	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part-58)
313	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS 3025 (Part-32)
314	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cobalt (Co)	APHA, 3111 (B)
315	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Color	APHA. 2120 (B)
316	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper (Cu)	APHA, 3111 (B)
317	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS 3025 (Part-14)
318	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride as F	IS 3025 (Part-60)
319	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free Ammonia	IS 3025 (Part-34)
320	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free Residual Chlorine	IS 3025 (Part-26)
321	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead (Pb)	IS 3025 (Part-47)
322	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA, 3500 Mg (B)
323	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel (Ni)	IS 3025 (Part-54)
324	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate as No3	IS 3025 (Part-34)
325	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025 (Part-39)
326	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (Part-11)
327	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorous	IS 3025 (Part-31)
328	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	IS 3025 (Part- 45)
329	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silver (Ag)	APHA, 3111 (B)
330	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Sulphate as So4	IS 3025 (Part-24)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	23 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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331	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Surfactant	APHA, 5540 (C)
332	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	IS 3025 (Part-09)
333	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	TKN	IS 3025 (Part-34)
334	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium (Cr)	IS 3025 (Part-52)
335	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS 3025 (Part-16)
336	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Iron as Fe	IS 3025 (Part-53)
337	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	IS 3025 (part-15)
338	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part-17)
339	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Acid	APHA 23rd Edd.
340	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc (Zn)	IS 3025 (Part-49)
341	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Beverages (Alcoholic/Non Alcoholic), Herbs,& Condiments , Vegetable & Vegetable Products	Arsenic	AOAC 986.15 21st Edition
342	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Beverages(Alcoholic/Non Alcoholic), Herbs, Spices & Condiments, Tea, Infant Foods	Copper	AOAC 999.11 21st Edition,
343	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Edible Salt	Methyl Mercury	AOAC 971.21 (21st Edition 2019), Chapter-9 Page No.-41
344	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Fortified Iodized Salt, Common Salt, Tea	Iron	AOAC 999.11 21st Edition
345	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs, Spices & Condiments Canned & Processed food	Zinc	AOAC 999.11 21st Edition
346	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs, Spices & Condiments	Nickel	AOAC 999.11 21st Edition
347	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Herbs, Spices & Condiments, Canned & Processed Food	Lead	AOAC 999.11 21st Edition,
348	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Jam, Juices, Sauces & Concentrates	Tin	AOAC 985.16 21st Edition
349	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat & Meat Products, Salt	Mercury	AOAC 971.21 21st Edition

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 24 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
350	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat & Meat Product, Cereals, Pulses & Cereal Product	Cadmium	AOAC 999.11 21st Edition
351	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Meat & Meat Products	Chromium	AOAC 999.11 21st Edition
352	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nut & Nut Products	Methyl Mercury	AOAC 971.21 (21st Edition 2019), Chapter-9 Page No.-41
353	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nuts & Nuts Products, Meat & Meat Products Cereals, Pulses & Cereal Products Tea	Manganese	AOAC 999.11 21st Edition
354	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea & Coffee	Methyl Mercury	AOAC 971.21 (21st Edition 2019), Chapter-9 Page No.-41
355	CHEMICAL- RESIDUES IN WATER	Water	Aldrin	APHA, 6630 (C)
356	CHEMICAL- RESIDUES IN WATER	Water	ALPHA HCH	APHA, 6630 (C)
357	CHEMICAL- RESIDUES IN WATER	Water	Atrazine	APHA, 6630 (C)
358	CHEMICAL- RESIDUES IN WATER	Water	Beta HCH	APHA, 6630 (C)
359	CHEMICAL- RESIDUES IN WATER	Water	Butachlor	APHA, 6630 (C)
360	CHEMICAL- RESIDUES IN WATER	Water	Chlorpyriphos	APHA, 6630 (C)
361	CHEMICAL- RESIDUES IN WATER	Water	Delta HCH	APHA, 6630 (C)
362	CHEMICAL- RESIDUES IN WATER	Water	Ethion	APHA, 6630 (C)
363	CHEMICAL- RESIDUES IN WATER	Water	Gamma HCH	APHA, 6630 (C)
364	CHEMICAL- RESIDUES IN WATER	Water	Lindane	APHA, 6630 (C)
365	CHEMICAL- RESIDUES IN WATER	Water	Malathion	APHA, 6630 (C)
366	CHEMICAL- RESIDUES IN WATER	Water	Phorate	APHA, 6630 (C)
367	CHEMICAL- WATER	Dialysis Water	Ammonium	IS 3025 (Part-34)
368	CHEMICAL- WATER	Dialysis water	Antimony	APHA 23rd Edition, 3111(B)
369	CHEMICAL- WATER	Dialysis water	Beryllium	APHA 23rd Edition, 3111(D)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 25 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
370	CHEMICAL- WATER	Dialysis Water	Cadmium	APHA 23rd Edition, 3111(B)
371	CHEMICAL- WATER	Dialysis Water	Chlorine	IS 3025 (Part-26)
372	CHEMICAL- WATER	Dialysis Water	Chromium	APHA 23rd Edition, 3111(B)
373	CHEMICAL- WATER	Dialysis Water	Fluoride	IS 3025 (Part-60)
374	CHEMICAL- WATER	Dialysis Water	Magnesium	APHA 23rd Edition, 3111(B)
375	CHEMICAL- WATER	Dialysis Water	Nitrate	IS 3025 (Part-34)
376	CHEMICAL- WATER	Dialysis Water	Nitrite	IS 3025 (Part-34)
377	CHEMICAL- WATER	Dialysis Water	Potassium	IS 3025 (Part- 45)
378	CHEMICAL- WATER	Dialysis Water	Sodium	IS 3025(Part-45)
379	CHEMICAL- WATER	Dialysis Water	Sulphate	IS 3025 (Part-24)
380	CHEMICAL- WATER	Dialysis water	Thallium	APHA 23rd Edition, 3111(B)
381	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Turbidity	IS 3025 (Part-10)
382	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Dissolved Phosphate as Po4	IS 3025 (Part-31)
383	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Nitrate as No3	IS 3025 (PArt-34)
384	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Acidity	IS 3025 (Part-22)
385	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Alkalinity	IS:3025(P-23)
386	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Ammonical Nitrogen as NH3	IS 3025 (Part-34)
387	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Arsenic (As)	APHA 23rd Edition, 3114 (B)
388	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Barium	APHA 23rd Edition, 3111 (D)
389	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Cadmium(Cd)	IS:3025(P-41)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	26 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
390	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Calcium	IS 3025 (PArt-40)
391	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Chloride	IS 3025 (Part-32)
392	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Cobalt (Co)	APHA 23rd Edition, 3111 (B)
393	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Colour	IS 3025 (Part-04)
394	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Cyanide (CN)	IS 3025 (Part-27)
395	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Electrical Conductivity	IS 3025 (part-14)
396	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Fluoride	IS:3025(P-60)
397	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Free Residual Chlorine	IS : 3025(P-26)
398	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Iron	IS:3025(P-53)
399	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Lead (Pb)	IS:3025(P-47)
400	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Magnesium	APHA 3500-mg(B)
401	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Manganese (Mn)	IS:3025 (Part -59)
402	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Mercury (Hg)	IS 3025 (Part-48)
403	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Nickel (Ni)	IS:3025(P-54)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6145 **Page No** 27 of 28

Validity 04/07/2021 to 03/07/2023 **Last Amended on** 27/09/2021

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
404	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Odour	IS 3025(Part-5)
405	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	pH	IS 3025 (Part-11)
406	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Phosphorous	IS 3025 (Part-31)
407	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Potassium	IS:3025(P-45)
408	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Reactive Silica as Sio2	IS 3025 (Part) 35
409	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	SAR	APHA 23rd Edition, 3500-Na-B
410	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Selenium(Se)	APHA 23rd Edition, 3111(B)
411	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Silica	IS:3025(P-35)
412	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Silver (Ag)	IS 13428
413	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Sodium as Na	IS:3025(P-45)
414	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Sulphate	IS:3025(P-24)
415	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Surfactant	APHA 23rd Edition, 5540(C)
416	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Taste	IS 3025 (Part-7)
417	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Tin (Sn)	APHA 23rd Edition, 3111(B)

SCOPE OF ACCREDITATION

Laboratory Name :	CENTRE FOR ENVIRONMENT AND FOOD TECHNOLOGY PVT. LTD., 17 DLF INDUSTRIAL AREA,1ST FLOOR, MOTI NAGAR, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6145	**Page No**	28 of 28
Validity	04/07/2021 to 03/07/2023	**Last Amended on**	27/09/2021

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
418	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Total Chromium (Cr)	IS :3025 (P-52)
419	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Total Dissolved Solid	IS 3025 (Part-16)
420	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Total Hardness as CaCO3	IS 3025 (Part-21)
421	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Total Suspended Solid	IS 3025 (Part-17)
422	CHEMICAL- WATER	DRINKING WATER / PACKAGED WATER / MINIRAL WATER / GROUND WATER / SWIMMING POOL WATER / DOMESTIC & POTABLE WATER	Zinc (Zn)	IS:3025(P-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.