National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 1 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Bacillus cereus	IS 5887 (Part 6)
2	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Escherichia coli	IS 5887 (Part 1)
3	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Salmonella spp	IS 5887 (Part 3) Sec 1
4	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Shigella spp	IS 5887 (Part 7)
5	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Staphylococcus aureus	IS 5887 (Part 2)
6	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Total Coliforms	IS 5401 (Part 1)
7	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Total Plate Count	IS 5402 (Part 1)
8	BIOLOGICAL- ANIMAL FOOD & FEED	Animal food, Feeds & Feeding Stuffs and other related products	Yeast & Mould	IS 5403
9	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air Monitoring (By Settle plate method)	Aerobic Plate Count	GLCS/SOP/06 (IS 5402 (Part 1))
10	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Air Monitoring (By Settle plate method)	Yeast & Mould	GLCS/SOP/06 (IS 5403)
11	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Escherichia coli	IS 1622
12	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Faecal Coliform	IS 1622
13	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Faecal Streptococci	IS 1622
14	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Standard Plate Count	IS 1622
15	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Total Coliforms	IS 1622

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 2 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
16	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (By Swab method) [Equipment swabs, Floor swabs, wall swabs, Hand swabs, swabs from unknown & known area	Aerobic Plate Count	GLCS/SOP/06 (IS 5402 (Part 1))
17	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (By Swab method) [Equipment swabs, Floor swabs, wall swabs, Hand swabs, swabs from unknown & known area	Coliforms	GLCS/SOP/06 (IS 5401 (Part 1))
18	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (By Swab method) [Equipment swabs, Floor swabs, wall swabs, Hand swabs, swabs from unknown & known area	Escherichia coli	GLCS/SOP/06 (IS 5887 (Part 1))
19	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface Monitoring (By Swab method) [Equipment swabs, Floor swabs, wall swabs, Hand swabs, swabs from unknown & known area	Yeast & Mould	GLCS/SOP/06 (IS 5403)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Bacillus cereus	IS 5887 (Part 6)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 (Part 1)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella spp	IS 5887 (Part 3) Sec 1
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Shigella spp	IS 5887 (Part 7)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Staphylococcus aureus	IS 5887 (Part 2)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Coliforms	IS 5401 (Part 1)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Total Plate Count	IS 5402 (Part 1)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Yeast & Mould	IS 5403
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Bacillus cereus	IS 5887 (Part 6)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Escherichia coli	IS 5887 (Part 1)

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	3 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Salmonella spp	IS 5887 (Part 3) Sec 1
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Shigella spp	IS 5887 (Part 7)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Staphylococcus aureus	IS 5887 (Part 2)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Total Coliforms	IS 5401 (Part 1)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Total Plate Count	IS 5402 (Part 1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages (Alcoholic, Nonalcoholic, Fruit and Vegetable based and Carbonated & Non Carbonated based)	Yeast & Mould	IS 5403
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Bacillus cereus	IS 5887 (Part 6)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Escherichia coli	IS 5887 (Part 1)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Salmonella spp	IS 5887 (Part 3) Sec 1
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Shigella spp	IS 5887 (Part 7)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Staphylococcus aureus	IS 5887 (Part 2)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Total Coliforms	IS 5401 (Part 1)
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Total Plate Count	IS 5402 (Part 1)
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed food products	Yeast & Mould	IS 5403

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 4 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Bacillus cereus	IS 5887 (Part 6)
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Escherichia coli	IS 5887 (Part 1)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Salmonella spp	IS 5887 (Part 3) Sec 1
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Shigella spp	IS 5887 (Part 7)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Staphylococcus aureus	IS 5887 (Part 2)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Total Coliforms	IS 5402 (Part 1)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Total Plate Count	IS 5402 (Part 1)
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals & Pulses	Yeast & Mould	IS 5403
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Bacillus cereus	IS 5887 (Part 6)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Escherichia coli	IS 5887 (Part 1)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Salmonella spp	IS 5887 (Part 3) Sec 1
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Shigella spp	IS 5887 (Part 7)
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Staphylococcus aureus	IS 5887 (Part 2)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Total Coliforms	IS 5401 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 5 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Total Plate Count	IS 5402 (Part 1)
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruits & Fruit Products	Yeast & Mould	IS 5403
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Bacillus cereus	IS 5887 (Part 6)
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Escherichia coli	IS 5887 (Part 1)
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Salmonella spp	IS 5887 (Part 3) Sec 1
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Shigella spp	IS 5887 (Part 7)
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Staphylococcus aureus	IS 5887 (Part 2)
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Total Coliforms	IS 5401 (Part 1)
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Total Plate Count	IS 5402 (Part 1)
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs & Spices and Condiments products	Yeast & Mould	IS 5403
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus	IS 5887 (Part 6)
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	IS 5887 (Part 1)
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella spp	IS 5887 (Part 3) Sec 1
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella spp	IS 5887 (Part 7)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 6 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus	IS 5887 (Part 2)
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Coliforms	IS 5401 (Part 1)
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total Plate Count	IS 5402 (Part 1)
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast & Mould	IS 5403
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Bacillus cereus	IS 5887 (Part 6)
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Escherichia coli	IS 5887 (Part 1)
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Salmonella spp	IS 5887 (Part 3)
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Shigella spp	IS 5887 (Part 7)
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Staphylococcus aureus	IS 5887 (Part 2)
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Total Coliforms	IS 5401 (Part 1)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Total Plate Count	IS 5402 (Part 1)
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nut & Nut Products	Yeast & Mould	IS 5403
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Bacillus cereus	IS 5887 (Part 6)
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Escherichia coli	IS 5887 (Part 1)

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	7 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Salmonella spp	IS 5887 Part 3 Sec 1
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Shigella spp	IS 5887 (Part 7)
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Staphylococcus aureus	IS 5887 (Part 2)
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Total Coliforms	IS 5401 (Part 1)
90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Total Plate Count	IS 5402 (Part 1)
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Other Specified foods (Ready to Eat: Cold food (Salads, Sandwiches), Cooked meal components (To be served Hot, To be served cold.), Desserts products	Yeast & Mould	IS 5403
92	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 15185
93	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	IS 1622
94	BIOLOGICAL- WATER	Drinking Water	Faecal Coliform	IS 1622
95	BIOLOGICAL- WATER	Drinking Water	Faecal Streptococci	IS 1622
96	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	IS 1622
97	BIOLOGICAL- WATER	Drinking Water	Total Coliforms	IS 15185
98	BIOLOGICAL- WATER	Drinking Water	Total Coliforms	IS 1622
99	BIOLOGICAL- WATER	Ground Water/ Surface Water	Escherichia coli	IS 15185
100	BIOLOGICAL- WATER	Ground Water/ Surface Water	Escherichia coli	IS 1622
101	BIOLOGICAL- WATER	Ground Water/ Surface Water	Faecal Coliform	IS 1622
102	BIOLOGICAL- WATER	Ground Water/ Surface Water	Faecal Streptococci	IS 1622
103	BIOLOGICAL- WATER	Ground Water/ Surface Water	Standard Plate Count	IS 1622
104	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Coliforms	IS 15185
105	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Coliforms	IS 1622
106	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial Count @ 20-22ºC	IS 5402 (Part 1)
107	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial Count @ 37 ºC	IS 5402 (Part 1)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 8 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
108	BIOLOGICAL- WATER	Packaged Drinking Water	Escherichia coli	IS 15185
109	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella spp	IS 15187
110	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella spp	IS 5887 (Part 7)
111	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus aureus	IS 5887 (Part 2)
112	BIOLOGICAL- WATER	Packaged Drinking Water	Total Coliforms	IS 15185
113	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast & Mould	IS 5403
114	BIOLOGICAL- WATER	Water for Processed Food Industry	Lipolytic Bacteria Count	IS 4251 Appendix A (A-2)
115	BIOLOGICAL- WATER	Water for Processed Food Industry	Proteolytic Bacteria Count	IS 4251 Appendix A (A-1)
116	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard Plate Count	IS 1622
117	BIOLOGICAL- WATER	Water for Processed Food Industry	Total Coliforms	IS 1622
118	BIOLOGICAL- WATER	Water for Purifiers	Escherichia coli	IS 15185
119	BIOLOGICAL- WATER	Water for Purifiers	Escherichia coli	IS 1622
120	BIOLOGICAL- WATER	Water for Purifiers	Faecal Coliform	IS 1622
121	BIOLOGICAL- WATER	Water for Purifiers	Faecal Streptococci	IS 1622
122	BIOLOGICAL- WATER	Water for Purifiers	Standard Plate Count	IS 1622
123	BIOLOGICAL- WATER	Water for Purifiers	Total Coliforms	IS 15185
124	BIOLOGICAL- WATER	Water for Purifiers	Total Coliforms	IS 1622
125	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Acid insoluble ash	IS 7874 (Part-I)
126	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Crude Fat	IS 7874 (Part-I)
127	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Crude Fiber	IS 7874 (Part-I)
128	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Crude Protein	IS 7874 (Part-I)
129	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Moisture	IS 7874 (Part-I)
130	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Total Ash	IS 7874 (Part-I)
131	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Carbohydrates	GLCS/SOP/F/017 Issue No:01
132	CHEMICAL- ANIMAL FOOD & FEEDS	Animal Feeds (Including Oil Cakes / Poultry Feed / Shrimp Feed / Fish Feed)	Energy	GLCS/SOP/F/018 Issue No:01

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 9 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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133	CHEMICAL- ANIMAL FOOD & FEEDS	Castorseed Cake	Water Insoluble Organic Nitrogen	IS 3029
134	CHEMICAL- ANIMAL FOOD & FEEDS	Undecofticated Sunflower Oilcake	Castor husk	IS 7874 (Part 1)
135	CHEMICAL- ANIMAL FOOD & FEEDS	Undecorticated Sunflower Oilcake	Mahua Cake	IS 7874 (Part 1)
136	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Ammonia (as NH3)	GLCS/SOP/AAQ/001, Issue No: 01
137	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Carbon Monoxide as CO	GLCS/SOP/AAQ/018, Issue No. 01
138	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Oxides of Nitrogen (as Nox)	IS 5182 (Part :6)
139	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Ozone (as O3)	GLCS/SOP/AAQ/002, Issue No: 01
140	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Particulate Matter (less than 2.5 micron size particles as PM2.5)	GLCS/SOP/AAQ/017, Issue No: 01
141	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Respirable Particulate Matter (less than 10 micron size particles as PM10)	IS 5182 (Part 23)
142	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Sulphur dioxide (as SO2)	IS 5182 (Part 2)
143	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Ambient Temperature (°C / F)	GLCS/SOP/AQ/004, Issue No: 01
144	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Ammonia (as NH3)	GLCS/SOP/IAQ/020, Issue No: 01
145	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Carbon Monoxide as CO	NIOSH - 6604
146	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Oxides of Nitrogen (as NOx)	GLCS/SOP/IAQ/019, Issue No: 01
147	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Ozone (as O3)	GLCS/SOP/IAQ/021, Issue No: 01
148	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Relative Humidity (%)	GLCS/SOP/AQ/004, Issue No: 01
149	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Respirable Particulates	GLCS/SOP/IAQ/003, Issue No: 01
150	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor and Work Zone Air Quality	Sulphur dioxide (as SO2)	GLCS/SOP/IAQ/018, Issue No: 01

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 10 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
151	CHEMICAL- ATMOSPHERIC POLLUTION	Personal Exposure Monitoring	Free Silica (as SiO2)	GLCS/SOP/PEM/023, Issue No: 01
152	CHEMICAL- ATMOSPHERIC POLLUTION	Personal Exposure Monitoring	Respirable Dust	GLCS/SOP/PEM/022, Issue No: 01
153	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Ammonia	IS 11255 (Part 6)
154	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Carbon dioxide (as CO2)	IS 13270
155	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Carbon Monoxide (as CO)	IS 13270
156	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Oxides of Nitrogen (as NOx)	IS 11255 (Part 7)
157	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Oxygen (as O2)	IS 13270
158	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Particulate Matter (as PM)	IS 11255 Part-1
159	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emissions Monitoring	Sulphur dioxide (as SO2)	IS 11255 (Part 2)
160	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Bulk density	Fertilizers Control Order (FCO:1985)
161	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	C:N ratio	Fertilizers Control Order (FCO:1985)
162	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Colour	Fertilizers Control Order (FCO:1985)
163	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Electrical Conductivity	Fertilizers Control Order (FCO:1985)
164	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Moisture	Fertilizers Control Order (FCO:1985)
165	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Odour	Fertilizers Control Order (FCO:1985)
166	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Organic carbon	Fertilizers Control Order (FCO:1985)
167	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Organic matter	Fertilizers Control Order (FCO:1985)
168	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	pH	Fertilizers Control Order (FCO:1985)
169	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Potassium as K	Fertilizers Control Order (FCO:1985)

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	11 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
170	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Total Phosphates as P2O5	Fertilizers Control Order (FCO:1985)
171	CHEMICAL- FERTILIZERS	Biofertilisers, Organic manure & Compost	Total Nitrogen as N	Fertilizers Control Order (FCO:1985)
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Acid insoluble ash	IS 12711
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Alcoholic acidity	IS 12711
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Carbohydrate	IS 12711
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Crude Fibre	IS 12711
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Energy	Food Energy Methods of Analysis and Conversion Factors (FAO), By calculation
177	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Fat	IS 12711
178	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Moisture	IS 12711
179	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Protein	IS 12711
180	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Titrable Acidity as Oleic acid	IS 12711
181	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Total ash	IS 12711
182	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bakery products (Bread, Cakes, Biscuits, Bun, Rusk, Cookies, Chips, Snacks, Namkeen & Ready to Eat Savouries)	Total Sugar	FSSAI Manual - Beverages, Sugar & Confectionary products, Clause No. A9
183	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Acid insoluble ash	IS 3077

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	12 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
184	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Alkalinity of water soluble ash	IS 3077
185	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Caffeine	IS 3077
186	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Moisture	IS 3077
187	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Petroleum ether extract	IS 3077
188	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Solubility in boiling water	IS 2791
189	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Solubility in cold water at 16 ± 2ºC	IS 2791
190	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Total ash	IS 3077
191	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Water soluble ash as % of total ash	IS 3077
192	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (Roasted and Ground, Soluble Coffee, Roasted Coffee – Chicory & Soluble Coffee-Chicory)	Water soluble matter	IS 3077
193	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Acid insoluble matter	IS 253
194	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Iodine	IS 253
195	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Matter insoluble in water	IS 253
196	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Matter soluble in water other than NaCl	IS 253
197	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Moisture	IS 253

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 13 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
198	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt	Sodium chloride as NaCl	IS 253
199	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Mass of 1000 grains	IS 4333 (Part 4)
200	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Refraction	IS 4333 (Part 1)
201	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Acid insoluble ash	IS 1155
202	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Alcoholic acidity	IS 1155
203	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Carbohydrates	GLCS/SOP/F/017 Issue No:01
204	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Crude Fat	GLCS/SOP/F/028 Issue No: 01
205	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Crude fiber	IS 1155

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	14 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
206	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Damaged Grains	GLCS/SOP/ F/039 Issue No:01
207	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Energy	GLCS/SOP/F/018 Issue No:01
208	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Foreign Matter	GLCS/SOP/ F/035 Issue No:01
209	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Gluten (on dry basis)	IS 1155
210	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Gluten (on wet basis)	IS 1155
211	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Granularity	IS 1155
212	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Impurities of Animal origin	GLCS/SOP/ F/037 Issue No:01

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	15 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
213	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Mineral Matter	GLCS/SOP/ F/036 Issue No:01
214	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Moisture	IS 1009
215	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Other Edible Grains	GLCS/SOP/ F/038 Issue No:01
216	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Protein	IS 7219
217	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Total ash	IS 1155
218	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains: Cereals, Millets & Pulses (Whole & Ground) including Wheat / Wheat Atta / Protein rich Atta / Maida / Protein rich Maida/ Suji (Rawa) / Ragi & Ragi products / Rice (including basmati rice)/ Besan/ Barley/ Maize/ Jawar/ Bajra/ Masur / Urid/ Moong / Lentils/ Corn/ Channa / Bengal gram/ Split Pulses)	Weevilled Grains	GLCS/SOP/ F/040 Issue No: 01
219	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Crude Fibre	FSSAI Manual - Beverages, Sugar & Confectionary products, Clause No. 5.8
220	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Drained weight	FSSAI Manual - Fruit and Vegetable Products, Clause No. 1.4
221	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Fat	FSSAI Manual - Beverages, Sugar & Confectionary products, Clause No. A8.2

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	16 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
222	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Moisture	FSSAI Manual - Fruit and Vegetable Products, Clause No. 4.1
223	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Protein	FSSAI Manual - Fruit and Vegetable Products, Clause No. 14.9
224	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Sodium chloride as NaCl	FSSAI Manual - Fruit and Vegetable Products, Clause No. 1.7
225	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Titrable acidity as Citric acid	FSSAI Manual - Fruit and Vegetable Products, Clause No. 2.4
226	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products – jam, jelly, concentrate, marmalade, nectar, pickle, sauce	Total ash	FSSAI Manual - Fruit and Vegetable Products, Clause No. 11.3
227	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Acid insoluble ash in dilute HCl	IS 14433
228	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Energy	Food Energy Methods of Analysis and Conversion Factors (FAO), By calculation
229	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Solid Not Fat (SNF)	FSSAI Manual Milk and Milk Products

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	17 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
230	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets)	Test for Added Starch	FSSAI Manual Milk and Milk Products, Clause No. 1.2.2
231	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets)	Test for Cane Sugar	FSSAI Manual Milk and Milk Products, Clause No. 1.2.1
232	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets)	Test for Glucose	FSSAI Manual Milk and Milk Products, Clause No. 1.2.7
233	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets)	Test for Hydrogen peroxide	FSSAI Manual Milk and Milk Products, Clause No. 1.2.18

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	18 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
234	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Carbohydrates	IS 1656
235	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Moisture	FSSAI Manual Milk and Milk Products, Clause No. 3.2
236	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	pH	FSSAI Manual Milk and Milk Products, Clause No. 16.6
237	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Protein/Milk Protein	FSSAI Manual Milk and Milk Products, Clause No. 10.6

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	19 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
238	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Test for Detergents	FSSAI Manual Milk and Milk Products, Clause No. 1.2.14
239	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Test for Foreign Fat	FSSAI Manual Milk and Milk Products, Clause No. 1.2.9
240	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Test for Formalin	FSSAI Manual Milk and Milk Products, Clause No. 1.2.17
241	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Test for Neutralizers	FSSAI Manual Milk and Milk Products, Clause No. 1.2.11

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	20 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
242	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Test for Sodium chloride	FSSAI Manual Milk and Milk Products, Clause No. 1.2.8
243	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Test for Urea	FSSAI Manual Milk and Milk Products, Clause No. 1.2.4
244	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Titrable Acidity as Lactic acid	FSSAI Manual Milk and Milk Products, Clause No. 10.4
245	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Total ash	FSSAI Manual Milk and Milk Products, Clause No. 10.7

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	21 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
246	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Total Fat/Milk Fat	FSSAI Manual Milk and Milk Products, Clause No. 1.3.4.2&3
247	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & Dairy Products (Pasteurized, boiled & Flavored Milk,Pasteurized cream,Sterilized, UHT milk and cream, Sweetened condensed milk, pasteurized butter, milk powder, Dairy whitener, whey powder, ice cream, butter milk powder, Infant milk food,infant formulae,infant milk, ice cream, frozen dessert,milk lolly,ice candy, processed cheese and all other cheeses categories including fresh cheeses, cheddar, cottage, soft and semi soft, Fermented milk products, Butter, panner, chhana based sweets, khoa based sweets).	Total Solids	FSSAI Manual Milk and Milk Products, Clause No. 4.4
248	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Crude fiber	IS 10226 (Part 1)
249	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Moisture	IS 4684
250	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Protein	IS 7219
251	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Total Ash	IS 4684
252	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Carbohydrates	IS 1656
253	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Crude Fat	GLCS/SOP/F/028 Issue No: 01
254	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nut & Nut Products (Including peanut and peanut products / pistachios / almonds / walnuts/ coconut & coconut products / Desiccated Coconut Products)	Energy	GLCS/SOP/F/018 Issue No:01
255	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Acid Value	IS 548 (Part I)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 22 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
256	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Free Fatty Acid (as oleic acid, lauric acid, ricinoleric acid, palmitic acid)	IS 548 (Part I)
257	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Insoluble Impurities	IS 548 (Part I)
258	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Iodine value	IS 548 (Part I)
259	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Moisture	IS 548 (Part I)
260	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Peroxide value	IS 548 (Part I)
261	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Refractive Index	IS 548 (Part I)
262	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Saponification Value	IS 548 (Part I)
263	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Specific Gravity	IS 548 (Part I)
264	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Test For Argemone Oil	IS 548 (Part II)
265	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Test For Castor Oil	IS 548 (Part II)
266	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Test for Groundnut oil	IS 548 (Part II)
267	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Test for Mineral oil	IS 548 (Part II)
268	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Test for Sesame oil	IS 548 (Part II)
269	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Unsaponification Matter	IS 548 (Part I)

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	23 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
270	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Rancidity	IS 548 (Part II)
271	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oils and Fats (Including Groundnut/ Sesame/ Coconut / Castor oil/ Corn/ Rice bran/ Sunflower / Mustard oil/Soya bean Oil/ Ghee/Fish oil,)	Sesame oil (Baudouins Test)	FSSAI Manual Oils & Fats, Method No. FSSAI 02.013
272	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Acid Insoluble Ash	IS 1155
273	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Carbohydrates	GLCS/SOP/F/017 Issue No:01
274	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Crude Fat	GLCS/SOP/F/028 Issue No: 01
275	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Crude fiber	IS 1155
276	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Energy	GLCS/SOP/F/018 Issue No:01
277	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Moisture	IS 1009
278	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Total Ash	IS 1155

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 24 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
279	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Processed cereal based on foods & Products / Protein rich food supplements for infants and preschool children (including infant milk substitutes/ Corn Flakes/ Custard powder/Pasta products/ Vermicelli/ Oats/Rolled Oats, Malted and Malt based Foods)	Total Protein	IS 7219
280	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) i Turmeric Powder	Starch in Turmeric	IS 4706 (Part II)
281	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Acid insoluble ash (Sand & Silica)	IS 1797
282	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Added Edible Common Salt (as NaCl2)	IS 253
283	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Alcohol soluble extract	IS 1797
284	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Cold water soluble extract	IS 1797
285	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Crude Fiber	IS 1797
286	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Moisture	IS 1797

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	25 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
287	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Non-volatile ether extract	IS 1797
288	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Protein	IS 7219
289	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Total Ash	IS 1797
290	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Volatile Oil / Essential Oils	IS 1797
291	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Water insoluble ash	IS 1797
292	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) Turmeric Powder	Curcumin	IS 10925
293	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Broken Seeds in Cardamom	IS 1907
294	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Damaged / Discolored Fruits for Coriander	IS 2443

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 26 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
295	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Empty / malformed capsules for Cardamom	IS 1907
296	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Extraneous matter	IS 1797
297	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Headless Cloves for Cloves	IS 4404
298	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Immature & shriveled capsules for Cardamom	IS 1907
299	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Insect damaged matter	IS 1797
300	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Split fruits for Cloves, Coriander	IS 4404
301	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Tendrils for Cloves	IS 4404
302	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Carbohydrates	GLCS/SOP/F/017 Issue No:01

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 27 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
303	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Energy	GLCS/SOP/F/018 Issue No:01
304	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Ground) including Chili / Chili Powder / Turmeric / Turmeric Powder / Curry Powder / Cardamom / Masala Powder / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia/ Ginger Powder	Test for Synthetic Colour	FSSAI Manual - Food Additives, Clause No. 4.2.1, (Paper Chromatographic Separation of Synthetic Food Colours)
305	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices & Condiments, (Whole) including Chilies/ Turmeric / Chilli Oleoresins / Cardamom/ Asafoetida / Celery Seeds / Cloves / Mustard / Coriander / Cumin seeds / Fennel Seed / Fenugreek / Nutmeg / Pepper (Black & White) / Saffron / Cinnamon / Cassia	Added coloring matter	GLCS/SOP/F/052 Issue No:01
306	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Acid insoluble ash	IS 4706 (Part II)
307	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Alcoholic acidity	IS 4706 (Part II)
308	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Crude Fiber	IS 4706 (Part II)
309	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Hydrocyanic acid	IS 4706 (Part II)
310	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Microscopic examination of Starch: (Wheat Starch, Rice Starch, Tapioca Starch & Arrowroot Starch)	IS 4706 (Part I)
311	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Moisture	IS 4706 (Part II)
312	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	pH	IS 4706 (Part II)
313	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Protein	IS 4706 (Part II)

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	28 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
314	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Starch	IS 4706 (Part II)
315	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Sulphate	GLCS/SOP/F/090 Issue No: 01
316	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Sulphur dioxide	IS 4706 (Part II)
317	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Total Ash	IS 4706 (Part II)
318	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Carbohydrates	IS 1656
319	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Chloride	GLCS/SOP/F/089 Issue No: 01
320	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Crude Fat	GLCS/SOP/F/028 Issue No: 01
321	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Energy	GLCS/SOP/F/018 Issue No:01
322	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Phosphate	GLCS/SOP/F/082 Issue No: 01
323	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Test for Colouring matter	FSSAI Manual - Food Additives, Clause No. 4.2.1
324	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	COLOUR OF GELATINIZED ALKALINE PASTE IN THE PORCELAIN ON THE LOVIBOND SCALE	IS 4706 (Part 1)
325	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Starch and Starch products (Sago, Tapioca Starch Processed Waste (Thippi) & Corn)	Physical examination for insect infestation, live and dead insects, dirt, extraneous matter, & visible mould growth	FSSAI Manual - Cereals and Cereals Products, Clause No. 1.1.2
326	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, Palm Sugar & Honey)	Ash	IS 6287

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	29 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
327	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, Palm Sugar & Honey)	Fiehe's test	IS 4941
328	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, Palm Sugar & Honey)	Specific gravity	IS 4941
329	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Acid Insoluble Ash	IS 6287
330	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Acidity(Expressed as formic acid)	IS 4941
331	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Crude Fat	IS 6287
332	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Crude Fibre	IS 10226 (Part 1)
333	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Crude Protein	IS 7219
334	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Fructose-Glucose ratio	IS 4941
335	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Sulphur dioxide	IS 6287
336	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, Palm Sugar & Honey)	Energy	GLCS/SOP/F/018 Issue No:01
337	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, Palm Sugar & Honey)	Starch	GLCS/SOP/F/110 Issue No:01
338	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Carbohydrates	IS 1656
339	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar & Sugar Products (Jaggery / Gur, White Sugar, Palm Sugar & Honey)	Test for Chalk Powder	GLCS/SOP/F/101; Issue No:01
340	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Acid insoluble ash	IS 13857

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	30 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
341	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Alkalinity of water soluble ash	IS 13856
342	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Crude fibre	IS 16041
343	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Loss of moisture at 103oC	IS 13853
344	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Total ash	IS 13854
345	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water extract	IS 13862
346	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water soluble ash	IS 13855
347	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Extraneous matter	IS 15279
348	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Loss on Drying	IS 15279
349	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Reducing Sugar	IS 15279
350	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sucrose	IS 15279
351	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Sulphated ash	IS 15279
352	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Total Reducing Sugars	IS 15279
353	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Total Sugar as Invert Sugar	IS 15279
354	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	White Sugar	Water Insoluble Matter	IS 15279

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	31 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
355	CHEMICAL- ORES & MINERALS	Dead Burnt Magnesite & Calcined Magnesite	Alumina as Al2O3	IS 1760 (Part 3)
356	CHEMICAL- ORES & MINERALS	Dead Burnt Magnesite & Calcined Magnesite	Calcium as CaO	IS 1760 (Part 3)
357	CHEMICAL- ORES & MINERALS	Dead Burnt Magnesite & Calcined Magnesite	Iron as Fe2O3	IS 1760 (Part 3)
358	CHEMICAL- ORES & MINERALS	Dead Burnt Magnesite & Calcined Magnesite	Loss on Ignition	IS 1760 (Part 1)
359	CHEMICAL- ORES & MINERALS	Dead Burnt Magnesite & Calcined Magnesite	Magnesium as MgO	IS 1760 (Part 3)
360	CHEMICAL- ORES & MINERALS	Dead Burnt Magnesite & Calcined Magnesite	Silica as SiO2	IS 1760 (Part 2)
361	CHEMICAL- ORES & MINERALS	Dunite	Alumina as Al2O3	IS 1760 (Part 3)
362	CHEMICAL- ORES & MINERALS	Dunite	Calcium as CaO	IS 1760 (Part 3)
363	CHEMICAL- ORES & MINERALS	Dunite	Iron as Fe2O3	IS 1760 (Part 3
364	CHEMICAL- ORES & MINERALS	Dunite	Loss on Ignition	IS 1760 (Part 1)
365	CHEMICAL- ORES & MINERALS	Dunite	Magnesium as MgO	IS 1760 (Part 3)
366	CHEMICAL- ORES & MINERALS	Dunite	Silica as SiO2	IS 1760 (Part 2)
367	CHEMICAL- ORES & MINERALS	Lime Stone, Calcite and Dolomite	Alumina as Al2O3	IS 1760 (Part 3)
368	CHEMICAL- ORES & MINERALS	Lime Stone, Calcite and Dolomite	Calcium as CaO	IS 1760 (Part 3)
369	CHEMICAL- ORES & MINERALS	Lime Stone, Calcite and Dolomite	Iron as Fe2O3	IS 1760 (Part 3)
370	CHEMICAL- ORES & MINERALS	Lime Stone, Calcite and Dolomite	Loss on Ignition	IS 1760 (Part 1)
371	CHEMICAL- ORES & MINERALS	Lime Stone, Calcite and Dolomite	Magnesium as MgO	IS 1760 (Part 3)
372	CHEMICAL- ORES & MINERALS	Lime Stone, Calcite and Dolomite	Silica as SiO2	IS 1760 (Part 2)
373	CHEMICAL- ORES & MINERALS	Magnesite	Alumina as Al2O3	IS 1760 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 32 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
374	CHEMICAL- ORES & MINERALS	Magnesite	Calcium as CaO	IS 1760 (Part 3)
375	CHEMICAL- ORES & MINERALS	Magnesite	Iron as Fe2O3	IS 1760 (Part 3)
376	CHEMICAL- ORES & MINERALS	Magnesite	Loss on Ignition	IS 1760 (Part 1)
377	CHEMICAL- ORES & MINERALS	Magnesite	Magnesium as MgO	IS 1760 (Part 3)
378	CHEMICAL- ORES & MINERALS	Magnesite	Silica as SiO2	IS 1760 (Part 2)
379	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Alumina as Al2O3	IS 9749
380	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Calcium Oxide and Magnesium Oxide	IS 9749
381	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Iron as Fe2O3	IS 9749
382	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Loss on Ignition	IS 9749
383	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Potassium as K2O	IS 9749
384	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Silica as SiO2	IS 9749
385	CHEMICAL- ORES & MINERALS	Potash Feldspar and Soda Feldspar	Sodium as Na2O	IS 9749
386	CHEMICAL- ORES & MINERALS	Quartzite and High Silica Sand	Loss on Ignition	IS 1917 (Part 1)
387	CHEMICAL- ORES & MINERALS	Quartzite and High Silica Sand	Silica as SiO2	IS 1917 (Part 3)
388	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorous(as P)	GLCS/SOP/S/005 ; Issue no:01
389	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen as N	GLCS/SOP/S/029 ;Issue no.01
390	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium as K	GLCS /SOP/ S / 026 ;Issue no.01
391	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bicarbonates (as HCO3) in saturation extract	GLCS/SOP/S/012; Issue no:01
392	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron as B	GLCS /SOP/S/027; Issue no.01

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	33 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
393	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	GLCS/SOP/S/017; Issue no:01
394	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium (as Ca) in saturation extract	GLCS/SOP/S/010; Issue no:01
395	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate (as CaCO3)	GLCS/SOP/S/013 ; Issue no:01
396	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Carbonates (as CO3) in saturation extract	GLCS/SOP/S/012; Issue no:01
397	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchange Capacity	GLCS/SOP/S/024; Issue no:01
398	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chlorides (as Cl-) in saturation extract	GLCS/SOP/S/004; Issue no:01
399	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Calcium (as Ca)	GLCS/SOP/S/020; Issue no:01
400	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Magnesium (as Mg)	GLCS/SOP/S/021; Issue no:01
401	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Potassium (as K)	GLCS/SOP/S/023; Issue no:01
402	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Sodium (as Na)	GLCS/SOP/S/022; Issue no:01
403	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Sodium Percentage	GLCS/SOP/S/025; Issue no:01
404	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrate as NO3	GLCS/SOP/S/028 ;Issue no.01
405	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	GLCS/SOP/S/003; Issue no:01
406	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH Value	IS 2720 (Part 26)
407	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium Adsorption Ratio (SAR)	GLCS/SOP/S/018 ; Issue no:01
408	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soluble Calcium and Magnesium (as Ca &Mg) in saturation extract	GLCS/SOP/S/011; Issue no:01
409	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soluble Potassium (as K) in saturation extract	GLCS/SOP/S/006; Issue no:01
410	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soluble Sodium (as Na) in saturation extract	GLCS/SOP/S/006; Issue no:01

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 34 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
411	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Specific Electrical Conductivity	IS 14767
412	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sulphate (as SO4)	GLCS/SOP/S/009; Issue no:01
413	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture : Clay	GLCS/SOP/S/015 ;Issue no:01
414	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture : Sand	GLCS/SOP/S/015; Issue no:01
415	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture : Silt	GLCS/SOP/S/015 ; Issue no:01
416	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjeldahl Nitrogen (as N)	GLCS/SOP/S/007 ; Issue no:01
417	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 (Part 2)
418	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	GLCS/SOP/S/016; Issue no:01
419	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chlorides (as Cl-) in saturation extract	GLCS/SOP/S/005 ; Issue no:01
420	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeable Calcium (as Ca)	GLCS/SOP/S/020;Issue no:01
421	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Exchangeable Magnesium (as Mg)	GLCS/SOP/S/021;Issue no:01
422	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34)
423	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Bicarbonate	IS 3025 (Part 51)
424	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Biochemical Oxygen Demand (BOD) at 27oC for 3 Days	IS 3025 (Part 44)
425	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Boron as B	IS 3025 (Part 57)
426	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Calcium as Ca	IS 3025 (Part 40)
427	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Carbonate	IS 3025 (Part 51)
428	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
429	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Chlorides as Cl-	IS 3025 (Part 32)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 35 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
430	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Color	IS 3025 (Part 4)
431	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Dissolved Oxygen (DO)	IS 3025 (Part 38)
432	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Dissolved Phosphate as PO4	IS 3025 (Part 31)
433	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Electrical Conductivity	IS 3025 (Part 14)
434	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Fixed Solids	IS 3025 (Part 18)
435	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Fluoride as F	GLCS/SOP/W/015; Issue NO:1
436	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Free Carbon dioxide as CO2	IS 3025 (Part 61)
437	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
438	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Hexavalent Chromium as Cr+6	IS 3025 (Part 52)
439	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Iron as Fe	IS 3025 (Part 53)
440	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Magnesium as Mg	IS 3025 (Part 46)
441	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Manganese as Mn	IS 3025 (Part 59)
442	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Nitrate as NO3	IS 3025 (Part 34)
443	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Nitrite as NO2	IS 3025 (Part 34)
444	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Odor	IS 3025 (Part 5)
445	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Oil and Grease	GLCS/SOP/W/025; Issue NO:01
446	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Oxygen Absorbed in 4 Hrs	IS 3025 (Part 63)
447	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	pH	IS 3025 (Part 11)
448	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Phenols	IS 3025 (Part 43)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 36 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
449	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Potassium as K	IS 3025 (Part 45)
450	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Residual Sodium Carbonate (RSC)	IS 11624
451	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Settleable Matter	IS 3025 (Part 19)
452	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Silica as SiO2	IS 3025 (Part 35)
453	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Sodium Absorption Ratio (SAR)	IS 11624
454	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Sodium as Na	IS 3025 (Part 45)
455	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Sulphates as SO4-	IS 3025 (Part 24)
456	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Temperature	IS 3025 (Part 9)
457	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Acidity as CaCO3	IS 3025(Part 22)
458	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Alkalinity as CaCO3	IS 3025 (Part 23)
459	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
460	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Hardness as CaCO3	IS 3025 (Part 21)
461	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Iron as Fe	IS 3025 (Part 53)
462	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Nitrogen as N	IS 3025 (Part 34)
463	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Phosphorous as PO4	IS 3025 (Part 31)
464	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Solids	IS 3025 (Part 15)
465	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Total Suspended Solids (TSS)	IS 3025 (Part 17)
466	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Turbidity	IS 3025 (Part 10)
467	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater: (Effluents / Sewage)	Volatile Solids	IS 3025 (Part 18)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 37 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
468	CHEMICAL- WATER	Construction Water	b) To neutralize 100 ml of water using mixed indicator (Alkalinity as CaCO3)	IS 3025 (Part 23) (Titrimetric Method)
469	CHEMICAL- WATER	Construction Water	Chloride as Cl-	IS 3025 (Part 32)
470	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (Part 18)
471	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
472	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
473	CHEMICAL- WATER	Construction Water	Sulphate as SO4-	IS 3025 (Part 24)
474	CHEMICAL- WATER	Construction Water	Suspended Solids	IS 3025 (Part 17)
475	CHEMICAL- WATER	Construction Water	Water Neutralization a) To neutralize 100 ml of water using Phenolphthalein Indicator (Acidity as CaCO3)	IS 3025 (Part 22) (Titrimetric Method)
476	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025 (Part 22) (Titrimetric Method)
477	CHEMICAL- WATER	Drinking Water	Bicarbonate	IS 3025 (Part 51) (Titrimetric Method)
478	CHEMICAL- WATER	Drinking Water	Boron as B	IS 3025 (Part 57) (Colorimetric Curcumin Method)
479	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40) (EDTA Titrimetric Method)
480	CHEMICAL- WATER	Drinking Water	Carbonate	IS 3025 (Part 51) (Titrimetric Method)
481	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	IS 3025 (Part 32) (Argentometric Method)
482	CHEMICAL- WATER	Drinking Water	Color	IS 3025 Part 4
483	CHEMICAL- WATER	Drinking Water	Electrical Conductivity (EC)	IS 3025 (Part 14)
484	CHEMICAL- WATER	Drinking Water	Fluoride as F-	GLCS/SOP/W/015 based on Guide Manual: Water and Waste Water Analysis, CPCB Issue no: 01 Issue date: 15.09.2016:
485	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26) (Iodometric Method)
486	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
487	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53) (1,10 Phenanthroline Method)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 38 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
488	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46) (EDTA Titrimetric Method)
489	CHEMICAL- WATER	Drinking Water	Manganese as Mn	IS 3025 (Part 59) (Formaldoxime Photometric Method)
490	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part 34) (Devarda's Alloy Reduction Method)
491	CHEMICAL- WATER	Drinking Water	Nitrite as NO2	IS 3025 (Part 34) (UV Spectrophotometric Method)
492	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 Part 5
493	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
494	CHEMICAL- WATER	Drinking Water	Phenols	IS 3025 (Part 43)
495	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (Part 45) (Flame Photometric Method)
496	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS 3025 (Part 35) (Hetropolyblue Method)
497	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45) (Flame Photometric Method)
498	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24) (Turbidity Method)
499	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7)
500	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
501	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23) (Titrimetric Method)
502	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
503	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21) (EDTA Titrimetric Method)
504	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10) (Nephelometric Method)
505	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Acidity as CaCO3	IS 3025(Part 22)
506	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Bicarbonate	IS 3025 (Part 51)
507	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Calcium as Ca	IS 3025 (Part 40)
508	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Carbonate	IS 3025 (Part 51)
509	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Chloride as Cl-	IS 3025 (Part 32)
510	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Color	IS 3025 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 39 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
511	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Electrical Conductivity (EC)	IS 3025 (Part 14)
512	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Fixed Solids	IS 3025 (Part 18)
513	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Fluoride as F-	GLCS/SOP/W/015; Issue No:01
514	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
515	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Iron as Fe	IS 3025 (Part 53)
516	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Magnesium as Mg	IS 3025 (Part 46)
517	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Manganese as Mn	IS 3025 (Part 59)
518	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Nitrate as NO3	IS 3025 (Part 34)
519	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Nitrite as NO2	IS 3025 (Part 34)
520	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Odor	IS 3025 (Part 5)
521	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	pH	IS 3025 (Part 11)
522	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Potassium as K	IS 3025 (Part 45)
523	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Silica as SiO2	IS 3025 (Part 35)
524	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Sodium as Na	IS 3025 (Part 45)
525	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Sulphate as SO4	IS 3025 (Part 24)
526	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Temperature	IS 3025 (Part 9)
527	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Total Acidity as CaCO3	IS 3025 (Part 22)
528	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
529	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
530	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Total Hardness as CaCO3	IS 3025 (Part 21)
531	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Total Solids	IS 3025 (Part 15)
532	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Total Suspended Solids (TSS)	IS 3025 (Part 17)
533	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Turbidity	IS 3025 (Part 10)
534	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Volatile Solids	IS 3025 (Part 18)
535	CHEMICAL- WATER	Ground water: Bore well Water, Well Water	Boron as B	IS 3025 (Part 57)
536	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Acidity as CaCO3	IS 3025(Part 22)
537	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34)
538	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Boron as B	IS 3025 (Part 57)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 40 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
539	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Calcium as Ca	IS 3025 (Part 40)
540	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Chloride as Cl-	IS 3025 (Part 32)
541	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Color	IS 3025 (Part 4)
542	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
543	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Dissolved Phosphate as PO4	IS 3025 (Part 31)
544	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Electrical Conductivity	IS 3025 (Part 14)
545	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Iron as Fe	IS 3025 (Part 53)
546	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Magnesium as Mg	IS 3025 (Part 46)
547	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Manganese as Mn	IS 3025 (Part 59)
548	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Oil and Grease	GLCS/SOP/W/025; Issue NO:01
549	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Oxygen absorbed in 4 Hours	IS 3025 (Part 63)
550	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	pH	IS 3025 (Part 11)
551	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Potassium as K	IS 3025 (Part 45)
552	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Silica as SiO2	IS 3025 (Part 35)
553	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Sodium as Na	IS 3025 (Part 45)
554	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Sulphate as SO4	IS 3025 (Part 24)
555	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
556	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
557	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Total Hardness as CaCO3	IS 3025 (Part 21)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 41 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
558	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Total Solids	IS 3025 (Part 15)
559	CHEMICAL- WATER	Industrial Water: Water for Boilers, Feed water, Boiler water, Condensate water, Cooling tower water, Soft Water	Turbidity	IS 3025 (Part 10)
560	CHEMICAL- WATER	Packaged Drinking Water	Acidity as CaCO3	IS 3025 (Part 22) (Titrimetric Method)
561	CHEMICAL- WATER	Packaged Drinking Water	Bicarbonate	IS 3025 (Part 51) (Titrimetric Method)
562	CHEMICAL- WATER	Packaged Drinking Water	Boron as B	IS 3025 (Part 57) (Colorimetric Curcumin Method)
563	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 (Part 40) (EDTA Titrimetric Method)
564	CHEMICAL- WATER	Packaged Drinking Water	Carbonate	IS 3025 (Part 51) (Titrimetric Method)
565	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl-	IS 3025 (Part 32) (Argentometric Method)
566	CHEMICAL- WATER	Packaged Drinking Water	Color	IS 3025 Part 4
567	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity (EC)	IS 3025 (Part 14)
568	CHEMICAL- WATER	Packaged Drinking Water	Fluoride as F-	GLCS/SOP/W/015 based on Guide Manual: Water and Waste Water Analysis, CPCB Issue no: 01 Issue date: 15.09.2016
569	CHEMICAL- WATER	Packaged Drinking Water	Free Residual Chlorine as Cl2	IS 3025 (Part 26) (Iodometric Method)
570	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
571	CHEMICAL- WATER	Packaged Drinking Water	Iron as Fe	IS 3025 (Part 53) (1,10 Phenanthroline Method)
572	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	IS 3025 (Part 46) (EDTA Titrimetric Method)
573	CHEMICAL- WATER	Packaged Drinking Water	Manganese as Mn	IS 3025 (Part 59) (Formaldoxime Photometric Method)
574	CHEMICAL- WATER	Packaged Drinking Water	Nitrate as NO3	IS 3025 (Part 34) (Devarda's Alloy Reduction Method)
575	CHEMICAL- WATER	Packaged Drinking Water	Nitrite as NO2	IS 3025 (Part 34) (UV Spectrophotometric Method)
576	CHEMICAL- WATER	Packaged Drinking Water	Odor	IS 3025 Part 5

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 42 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
577	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 (Part 11)
578	CHEMICAL- WATER	Packaged Drinking Water	Phenols	IS 3025 (Part 43)
579	CHEMICAL- WATER	Packaged Drinking Water	Potassium as K	IS 3025 (Part 45) (Flame Photometric Method)
580	CHEMICAL- WATER	Packaged Drinking Water	Silica as SiO2	IS 3025 (Part 35) (Hetropolyblue Method)
581	CHEMICAL- WATER	Packaged Drinking Water	Sodium as Na	IS 3025 (Part 45) (Flame Photometric Method)
582	CHEMICAL- WATER	Packaged Drinking Water	Sulphate as SO4	IS 3025 (Part 24) (Turbidity Method)
583	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 7)
584	CHEMICAL- WATER	Packaged Drinking Water	Temperature	IS 3025 (Part 9)
585	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23) (Titrimetric Method)
586	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
587	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21) (EDTA Titrimetric Method)
588	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10) (Nephelometric Method)
589	CHEMICAL- WATER	Reagent Grade Water	Color retention of KMnO4	IS 1070 Annexure A
590	CHEMICAL- WATER	Reagent Grade Water	pH	IS 3025 (Part 11)
591	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	IS 3025 (Part 35) (Hetropolyblue Method)
592	CHEMICAL- WATER	Reagent Grade Water	Specific Conductance	IS 3025 (Part 14)
593	CHEMICAL- WATER	Reagent Grade Water	Total Solids / Non Volatile Residue at 105 deg.C	IS 3025 (Part 15) (Gravimetric Method)
594	CHEMICAL- WATER	RO water	Acidity as CaCO3	IS 3025 (Part 22) (Titrimetric Method)
595	CHEMICAL- WATER	RO water	Bicarbonate	IS 3025 (Part 51) (Titrimetric Method)
596	CHEMICAL- WATER	RO water	Boron as B	IS 3025 (Part 57) (Colorimetric Curcumin Method)
597	CHEMICAL- WATER	RO water	Calcium as Ca	IS 3025 (Part 40) (EDTA Titrimetric Method)
598	CHEMICAL- WATER	RO water	Carbonate	IS 3025 (Part 51) (Titrimetric Method)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 43 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
599	CHEMICAL- WATER	RO water	Chloride as Cl-	IS 3025 (Part 32) (Argentometric Method)
600	CHEMICAL- WATER	RO water	Color	IS 3025 (Part 4)
601	CHEMICAL- WATER	RO water	Electrical Conductivity	IS 3025 (Part 14)
602	CHEMICAL- WATER	RO water	Fluoride as F-	GLCS/SOP/W/015 based on Guide Manual: Water and Waste Water Analysis, CPCB Issue no: 01
603	CHEMICAL- WATER	RO water	Free Residual Chlorine as Cl2	IS 3025 (Part 26) (Iodometric Method)
604	CHEMICAL- WATER	RO water	Iron as Fe	IS 3025 (Part 53) (1,10 Phenanthroline Method)
605	CHEMICAL- WATER	RO water	Magnesium as Mg	IS 3025 (Part 46) (EDTA Titrimetric Method)
606	CHEMICAL- WATER	RO water	Manganese as Mn	IS 3025 (Part 59) (Formaldoxime Method)
607	CHEMICAL- WATER	RO water	Nitrate as NO3	IS 3025 (Part 34) (Devarda's Alloy Reduction Method)
608	CHEMICAL- WATER	RO water	Nitrite as NO2	IS 3025 (Part 34) (UV Spectrophotometric Method)
609	CHEMICAL- WATER	RO water	Odor	IS 3025 (Part 5)
610	CHEMICAL- WATER	RO water	pH	IS 3025 (Part 11)
611	CHEMICAL- WATER	RO water	Potassium as K	IS 3025 (Part 45) (Flame Photometric Method)
612	CHEMICAL- WATER	RO water	Silica as SiO2	IS 3025 (Part 35) (Hetropolyblue Method)
613	CHEMICAL- WATER	RO water	Sodium as Na	IS 3025 (Part 45) (Flame Photometric Method)
614	CHEMICAL- WATER	RO water	Sulphate as SO4	IS 3025 (Part 24) (Turbidity Method)
615	CHEMICAL- WATER	RO water	Taste	IS 3025 (Part 7)
616	CHEMICAL- WATER	RO water	Temperature	IS 3025 (Part 9)
617	CHEMICAL- WATER	RO water	Total Alkalinity as CaCO3	IS 3025 (Part 23) (Titrimetric Method)
618	CHEMICAL- WATER	RO water	Total Dissolved Solids (TDS)	IS 3025 (Part 16) (Gravimetric Method)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 44 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
619	CHEMICAL- WATER	RO water	Total Hardness as CaCO3	IS 3025 (Part 21) (EDTA Titrimetric Method)
620	CHEMICAL- WATER	RO water	Turbidity	IS 3025 (Part 10) (Nephlometric Method)
621	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Acidity as CaCO3	IS 3025(Part 22)
622	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Bicarbonates	IS 3025 (Part 51)
623	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Biochemical Oxygen Demand (BOD) at 27ºC for 3 Days	IS 3025 (Part 44)
624	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Boron as B	IS 3025 (Part 57)
625	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Calcium as Ca	IS 3025 (Part 40)
626	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Carbonates	IS 3025 (Part 51)
627	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
628	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Chloride as Cl-	IS 3025 (Part 32)
629	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Color	IS 3025 (Part 4)
630	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Dissolved Oxygen (DO)	IS 3025 (Part 38)
631	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Dissolved Phosphate as PO4	IS 3025 (Part 31)
632	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Electrical Conductivity	IS 3025 (Part 14)
633	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Fluoride as F-	GLCS/SOP/W/015; Issue no :01
634	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
635	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Iron as Fe	IS 3025 (Part 53)
636	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Magnesium as Mg	IS 3025 (Part 46)
637	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Manganese as Mn	IS 3025 (Part 59)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 45 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
638	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Nitrate as NO3	IS 3025 (Part 34)
639	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Nitrite as NO2	IS 3025 (Part 34)
640	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Odor	IS 3025 (Part 5)
641	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Oil and Grease	GLCS/SOP/W/025; Issue NO:01
642	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	pH	IS 3025 (Part 11)
643	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Potassium as K	IS 3025 (Part 45)
644	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Residual Sodium Carbonate (RSC)	IS 11624
645	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Silica as SiO2	IS 3025 (Part 35)
646	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Sodium Absorption Ratio (SAR)	IS 11624
647	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Sodium as Na	IS 3025 (Part 45)
648	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Sulphate as SO4	IS 3025 (Part 24)
649	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Temperature	IS 3025 (Part 9)
650	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Total Phosphorous as P	IS 3025 (Part 31)
651	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Total Alkalinity as CaCO3	IS 3025 (Part 23)
652	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
653	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Total Hardness as CaCO3	IS 3025 (Part 21)
654	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Total Nitrogen as N	IS 3025 (Part 34)
655	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Turbidity	IS 3025 (Part 10)
656	CHEMICAL- WATER	Surface water: Raw Water: Treated Water, Water for irrigation purpose	Ammoniacal Nitrogen as NH3-N	IS 3025 (Part 34)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6060 **Page No** 46 of 47

Validity 01/08/2022 to 31/07/2024 **Last Amended on** 31/10/2022

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
657	CHEMICAL- WATER	Water for Food Industry	Calcium as Ca	IS 3025 (Part 40)
658	CHEMICAL- WATER	Water for Food Industry	Chloride as Cl-	IS 3025 (Part 32)
659	CHEMICAL- WATER	Water for Food Industry	Color	IS 3025 (Part 4)
660	CHEMICAL- WATER	Water for Food Industry	Electrical Conductivity	IS 3025 (Part 14)
661	CHEMICAL- WATER	Water for Food Industry	Fluoride as F-	GLCS/SOP/W/015; Issue no :01
662	CHEMICAL- WATER	Water for Food Industry	Iron as Fe	IS 3025 (Part 53)
663	CHEMICAL- WATER	Water for Food Industry	Magnesium as Mg	IS 3025 (Part 46)
664	CHEMICAL- WATER	Water for Food Industry	Manganese as Mn	IS 3025 (Part 59)
665	CHEMICAL- WATER	Water for Food Industry	Nitrate as NO3	IS 3025 (Part 34)
666	CHEMICAL- WATER	Water for Food Industry	Odor	IS 3025 (Part 5)
667	CHEMICAL- WATER	Water for Food Industry	pH	IS 3025 (Part 11)
668	CHEMICAL- WATER	Water for Food Industry	Potassium as K	IS 3025 (Part 45)
669	CHEMICAL- WATER	Water for Food Industry	Sodium as Na	IS 3025 (Part 45)
670	CHEMICAL- WATER	Water for Food Industry	Sulphate as SO4	IS 3025 (Part 24)
671	CHEMICAL- WATER	Water for Food Industry	Taste	IS 3025 Part 7
672	CHEMICAL- WATER	Water for Food Industry	Temperature	IS 3025 (Part 9)
673	CHEMICAL- WATER	Water for Food Industry	Total Alkalinity as CaCO3	IS 3025 (Part 23)
674	CHEMICAL- WATER	Water for Food Industry	Total Hardness as CaCO3	IS 3025 (Part 21)
675	CHEMICAL- WATER	Water for Food Industry	Total Solids	IS 3025 (Part 15)
676	CHEMICAL- WATER	Water for Food Industry	Turbidity	IS 3025 (Part 10)
677	CHEMICAL- WATER	Water for Swimming pool	Chloride as Cl-	IS 3025 (Part 32)
678	CHEMICAL- WATER	Water for Swimming pool	Color	IS 3025 (Part 4)
679	CHEMICAL- WATER	Water for Swimming pool	Free Residual Chlorine as Cl2	IS 3025 (Part 26)
680	CHEMICAL- WATER	Water for Swimming pool	Iron as Fe	IS 3025 (Part 53)
681	CHEMICAL- WATER	Water for Swimming pool	Odor	IS 3025 (Part 5)
682	CHEMICAL- WATER	Water for Swimming pool	Oxygen Absorbed in 4 Hours	IS 3025 (Part 63)
683	CHEMICAL- WATER	Water for Swimming pool	pH	IS 3025 (Part 11)
684	CHEMICAL- WATER	Water for Swimming pool	Total Alkalinity as CaCO3	IS 3025 (Part 23)
685	CHEMICAL- WATER	Water for Swimming pool	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
686	CHEMICAL- WATER	Water for Swimming pool	Turbidity	IS 3025 (Part 10)

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB AND CONSULTANCY SERVICES, S.F.NO 92/3A2, GEETHA NAGAR, ALAGAPURAM PUDUR, SALEM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6060	**Page No**	47 of 47
Validity	01/08/2022 to 31/07/2024	**Last Amended on**	31/10/2022

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
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Blast Vibration Monitoring	Peak Particle Velocity	IS 14881
2	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination Monitoring	Illumination (as Lux)	GLCS/SOP/005, Issue No: 01
3	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Monitoring (Ambient/Work Zone/Source Noise)	Lmax, Lmin, Leq SPL dB(A)	IS 9989

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.