National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	1 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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- ENVIRONMENT AND POLLUTION	Plate exposure method (Food & Health Sector)	Mesophilic aerobic plate count/15 mins/30 mins	SOP No PPC/MB/SP/26; Issue No 01 ; Issue date 18.08.2020
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Plate exposure method (Food & Health Sector)	Yeast & mould count	SOP No PPC/MB/SP/27; Issue No 01 ; Issue date 18.08.2020
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swab method (Hand/ Equipment /Contact surface)	Escherichia coli	SOP No PPC/MB/SP/32; Issue No 01 ; Issue date 18.08.2020
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swab method (Hand/ Equipment /Contact surface)	Mesophilic aerobic plate count	SOP No PPC/MB/SP/29; Issue No 01 ; Issue date 18.08.2020
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swab method (Hand/ Equipment /Contact surface)	Salmonella	SOP No PPC/MB/SP/33; Issue No 01 ; Issue date 18.08.2020
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swab method (Hand/ Equipment /Contact surface)	Staphylococcus aureus	SOP No PPC/MB/SP/34; Issue No 01 ; Issue date 18.08.2020
7	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Swab method (Hand/ Equipment /Contact surface)	Yeast & mould	SOP No PPC/MB/SP/29; Issue No 01 ; Issue date 18.08.2020
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Shigella	IS 5887 (Part 7)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Staphylococcus aureus	IS 5887 (Part 2)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Escherichia coli	IS 5887 (Part 1)
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery Products	Salmonella	IS 5887 (Part 3)
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli	IS 5887 (Part 1)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	IS 5887 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 2 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Shigella	IS 5887 (Part 7)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus	IS 5885 (Part 2)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Escherichia coli	IS 5887 (Part 1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Salmonella	IS 5887 (Part 3)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Shigella	IS 5887 (Part 7)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee & Cocoa Products	Staphylococcus aureus	IS 5887 (Part 2)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Escherichia coli	IS 5887 (Part 1)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Salmonella	IS 5887 (Part 3)
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Shigella	IS 5887 (Part 7)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cooked food	Staphylococcus aureus	IS 5887 (Part 2)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Escherichia coli	IS 5887 (Part 1)
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Salmonella	IS 5887 (Part 3)
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Shigella	IS 5887 (Part 7)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	Staphylococcus aureus	IS 5887 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	3 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	IS 5887 (Part 1)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	IS 5887 (Part 3)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Shigella	IS 5887 (Part 7)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Staphylococcus aureus	IS 5887 (Part 2)
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrate	Salmonella	IS 5887 (Part 3)
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrate	Staphylococcus aureus	IS 5887 (Part 2)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Escherichia coli	IS 5887 (Part 1)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Jams, Juices, Sauces & Concentrates	Shigella	IS 5887 (Part 7)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli	IS 5887 (Part 1)
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS 5887 (Part 3)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella	IS 5887 (Part 7)
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus	IS 5887 (Part 2)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nut Products	Escherichia coli	IS 5887 (Part 1)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nut Products	Salmonella	IS 5887 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	4 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nut Products	Shigella	IS 5887 (Part 7)
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Nuts & Nut Products	Staphylococcus aureus	IS 5887 (Part 2)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Escherichia coli	IS 5887 (Part 1)
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Salmonella	IS 5887 (Part 3)
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Shigella	IS 5887 (Part 7)
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to Eat	Staphylococcus aureus	IS 5887 (Part 2)
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Salmonella	IS 5887 (Part 3)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Shigella	IS 5887 (Part 7)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks & Instant Mixes	Staphylococcus aureus	IS 5887 (Part 2)
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Snacks and Instant Mixes	Escherichia coli	IS 5887 (Part 1)
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Escherichia coli	IS 5887 (Part 1)
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Salmonella	IS 5887 (Part 3)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Shigella	IS 5887 (Part 7)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea	Staphylococcus aureus	IS 5887 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 5 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable Products	Escherichia coli	IS 5887 (Part 1)
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Salmonella	IS 5887 (Part 3)
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	vegetable & Vegetable products	Shigella	IS 5887 (Part 7)
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetable & Vegetable products	Staphylococcus aureus	IS 5887 (Part 2)
60	BIOLOGICAL- WATER	Borewell water	Coliform	IS 15185
61	BIOLOGICAL- WATER	Borewell water	Escherichia coli	IS 15185
62	BIOLOGICAL- WATER	Borewell water	Faecal coliform	IS 1622
63	BIOLOGICAL- WATER	Borewell water	Faecal streptococci	IS 15186
64	BIOLOGICAL- WATER	Borewell water	Pseudomonas aeroginosa	IS 13428 (Annexure D)
65	BIOLOGICAL- WATER	Borewell water	Salmonella	IS 15187
66	BIOLOGICAL- WATER	Borewell water	Shigella	IS 5887 (Part 7)
67	BIOLOGICAL- WATER	Borewell water	Standard Plate Count	IS 1622
68	BIOLOGICAL- WATER	Borewell water	Staphylococcus aureus	IS 5887 (Part 2)
69	BIOLOGICAL- WATER	Borewell water	Vibrio cholerae	IS 5887 (Part 5)
70	BIOLOGICAL- WATER	Borewell water	Vibrio parahaemolyticus	IS 5887 (Part 5)
71	BIOLOGICAL- WATER	Drinking water	Coliform	IS 15185
72	BIOLOGICAL- WATER	Drinking water	Escherichia coli	IS 15185
73	BIOLOGICAL- WATER	Drinking water	Faecal coliform	IS 1622
74	BIOLOGICAL- WATER	Drinking water	Faecal streptococci	IS 15186
75	BIOLOGICAL- WATER	Drinking water	Pseudomonas aeroginosa	IS 13428 (Annexure D)
76	BIOLOGICAL- WATER	Drinking water	Salmonella	IS 15187
77	BIOLOGICAL- WATER	Drinking water	Shigella	IS 5887 (Part 7)
78	BIOLOGICAL- WATER	Drinking water	Standard Plate Count	IS 1622
79	BIOLOGICAL- WATER	Drinking water	Staphylococcus aureus	IS 5887 (Part 2)
80	BIOLOGICAL- WATER	Drinking water	Vibrio cholerae	IS 5887 (Part 5)
81	BIOLOGICAL- WATER	Drinking water	Vibrio parahaemolyticus	IS 5887 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 6 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
82	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic microbial count 20°C	IS 5402
83	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic microbial count at 37°C	IS 5402
84	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform	IS 15185
85	BIOLOGICAL- WATER	Packaged Drinking Water	Escherichia coli	IS 15185
86	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal streptococci	IS 15186
87	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas aeroginosa	IS 13428 (Annexure D)
88	BIOLOGICAL- WATER	Packaged Drinking Water	Salmonella	IS 15187
89	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella	IS 5887 (Part 7)
90	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus aureus	IS 5887 (Part 2)
91	BIOLOGICAL- WATER	Packaged Drinking Water	Sulphite Reducing Anaerobes	IS 13428 (Annexure C)
92	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio cholera	IS 5887 (Part 5)
93	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio parahaemolyticus	IS 5887 (Part 5)
94	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast & Mould	IS 5403
95	BIOLOGICAL- WATER	Water for processed food industry	Coliform	IS 15185
96	BIOLOGICAL- WATER	Water for processed food industry	Escherichia coli	IS 15185
97	BIOLOGICAL- WATER	Water for processed food industry	Standard plate count	IS 1622
98	BIOLOGICAL- WATER	Water for swimming pool & spa	Coliform	IS 15185
99	BIOLOGICAL- WATER	Water for swimming pool & spa	Escherichia coli	IS 15185
100	BIOLOGICAL- WATER	Water from water purifiers	Coliform	IS 15185
101	BIOLOGICAL- WATER	Water from water purifiers	Escherichia coli	IS 15185
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture	IS 1155
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein	IS 7219
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total ash	IS 1155
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture	IS 12711

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	7 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Protein	IS 7219
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total ash	IS 12711
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Moisture	IS 12711
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Protein	IS 7219
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Total ash	IS 12711
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Moisture	IS 1155
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Protein	IS 7219
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Total ash	IS 1155
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Ash	IS 1165
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Protein	IS 1479 (Part 2)
116	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Acidity	APHA 23rd Edition 2310 B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Acidity	IS 3025 (Part 22)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Ammonical nitrogen	APHA 23rd Edition 4500 NH3 B C
119	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Ammonical nitrogen	IS 3025 (Part 34)
120	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	BOD @ 27°C 3days	IS 3025 (Part 44)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 8 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
121	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Boron as B	APHA 23rd Edition 4500 B B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Boron as B	IS 3025 (Part 57)
123	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Cadmium as Cd	APHA 23rd Edition 3111 B
124	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Cadmium as Cd	IS 3025 (Part 41)
125	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Calcium as Ca	APHA 23rd Edition 3500 Ca B
126	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Calcium as Ca	IS 3025 (Part 40)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Chloride as Cl	APHA 23rd Edition 4500 Cl B
128	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Chloride as Cl	IS 3025 (Part 32)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	COD	APHA 23rd Edition 5220 B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Conductivity	APHA 23rd Edition 2510 B
131	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Conductivity	IS 3025 (Part 32)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Copper as Cu	APHA 23rd Edition 3111 B
133	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Copper as Cu	IS 3025 (Part 42)
134	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Cyanide as CN	APHA 23rd Edition CN C D
135	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	DO	APHA 23rd Edition 4500 O B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	DO	IS 3025 (Part 38)
137	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Fluoride as F	APHA 23rd Edition 4500 F D
138	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Hexavalent chromium as Cr+6	APHA 23rd Edition 3500 Cr B
139	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Hexavalent chromium as Cr+6	IS 3025 (Part 52)

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	9 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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140	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Iron as Fe	APHA 23rd Edition 3111 B
141	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Lead as Pb	APHA 23rd Edition 3111 B
142	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	lead as Pb	IS 3025 (Part 53)
143	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
144	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Magnesium as Mg	IS 3025 (Part 46)
145	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Nickel as Ni	APHA 23rd Edition 3111 B
146	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Nickel as Ni	IS 3025 (Part 54)
147	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Oil & grease	IS 3025 (Part 39)
148	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Percent sodium	SOP No PPC/CH/SP/16; Issue No 01 ; Issue date 15.02.2019
149	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	pH @ 25°C	APHA 23rd Edition 4500 pH value
150	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	pH @ 25°C	IS 3025 (Part 11)
151	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Phenols	APHA 23rd Edition 5530 D
152	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Phenols	IS 3025 (Part 43)
153	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Potassium as K	APHA 23rd Edition 3500 K B
154	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Potassium as K	IS 3025 (Part 45)
155	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Residual free chlorine	APHA 23rd Edition 4500 B
156	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Residual free chlorine	IS 3025 (Part 26)
157	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sodium absorption ratio	SOP No PPC/CH/SP/22; Issue No 01 ; Issue date 15.02.2019
158	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sodium as Na	APHA 23rd Edition 3500 Na B

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	10 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
159	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sodium as Na	IS 3025 (Part 45)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sulphate as SO4	APHA 23rd Edition 4500 SO4
161	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sulphate as SO4	IS 3025 (Part 24)
162	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sulphide as S2-	APHA 23rd Edition 4500 S2-
163	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Sulphide as S2-	IS 3025 (Part 29)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Temperature	APHA 23rd Edition 2550 B
165	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Temperature	IS 3025 (Part 9)
166	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total alkalinity	APHA 23rd Edition 2320 B
167	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total alkalinity	IS 3025 (Part 23)
168	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total Chromium as TCr	APHA 23rd Edition 3111 B
169	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total Chromium as TCr	IS 3025 (Part 52)
170	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total dissolved solids	APHA 23rd Edition 2540 C
171	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total dissolved solids	IS 3025 (Part 16)
172	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total hardness	APHA 23rd Edition 2340 C
173	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total hardness	IS 3025 (Part 21)
174	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total nitrogen	APHA 23rd Edition 4500 B
175	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total nitrogen	IS 3025 (Part 34)
176	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total solids	APHA 23rd Edition 2540 B
177	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total solids	IS 3025 (Part 15)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 11 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
178	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total suspended solids	APHA 23rd Edition 2540 D
179	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total suspended solids	IS 3025 (Part 17)
180	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Turbidity	APHA 23rd Edition 2130 B
181	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Turbidity	IS 3025 (Part 10)
182	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Zinc as Zn	APHA 23rd Edition 3111 B
183	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Zinc as Zn	IS 3025 (Part 49)
184	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Acidity	APHA 23rd Edition 2310 B
185	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Acidity	IS 3025 (Part 22)
186	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Ammonical nitrogen	APHA 23rd Edition 4500 NH3 B C
187	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Ammonical nitrogen	IS 3025 (Part 34)
188	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	BOD @ 27°C 3days	IS 3025 (Part 44)
189	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Boron as B	APHA 23rd Edition 4500 B B
190	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Boron as B	IS 3025 (Part 57)
191	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Cadmium as Cd	APHA 23rd Edition 3111 B
192	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Cadmium as Cd	IS 3025 (Part 41)
193	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
194	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Calcium as Ca	IS 3025 (Part 40)
195	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
196	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Chloride as Cl	IS 3025 (Part 32)

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	12 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
197	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	COD	APHA 23rd Edition 5220 B
198	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	COD	IS 3025 (Part 58)
199	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Conductivity	APHA 23rd Edition 2510 B
200	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Conductivity	IS 3025 (Part 32)
201	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Copper as Cu	APHA 23rd Edition 3111 B
202	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Copper as Cu	IS 3025 (Part 42)
203	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Cyanide as CN	APHA 23rd Edition 4500 CN C D
204	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Dissolved oxygen	APHA 23rd Edition 4500 O B
205	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Dissolved oxygen	IS 3025 (Part 38)
206	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Fluoride as F	APHA 23rd Edition 4500 F D
207	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Hexavalent chromium as Cr+6	APHA 23rd Edition 3500 Cr B
208	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Hexavalent chromium as Cr+6	IS 3025 (Part 52)
209	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Iron as Fe	APHA 23rd Edition 3111 B
210	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Iron as Fe	IS 3025 (Part 53)
211	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Lead as Pb	APHA 23rd Edition 3111 B
212	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Lead as Pb	IS 3025 (Part 47)
213	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
214	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Magnesium as Mg	IS 3025 (Part 46)
215	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Nickel as Ni	APHA 23rd Edition 3111 B

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	13 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
216	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Nickel as Ni	IS 3025 (Part 54)
217	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Oil & grease	IS 3025 (Part 39)
218	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Percent sodium	SOP No PPC/CH/SP/16; Issue No 01 ; Issue date 15.02.2019
219	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	pH @ 25°C	APHA 23rd Edition 4500 pH value
220	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	pH @ 25°C	IS 3025 (Part 11)
221	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Phenols	APHA 23rd Edition 5530 D
222	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Phenols	IS 3025 (Part 43)
223	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Potassium as K	APHA 23rd Edition 3500 K B
224	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Potassium as K	IS 3025 (Part 45)
225	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Residual free chlorine	APHA 23rd Edition 4500 B
226	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Residual free chlorine	IS 3025 (Part 26)
227	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sodium absorption ratio	SOP No PPC/CH/SP/22; Issue No 01 ; Issue date 15.02.2019
228	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sodium as Na	APHA 23rd Edition 3500 Na B
229	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sodium as Na	IS 3025 (Part 45)
230	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sulphate as SO4	APHA 23rd Edition 4500 SO4
231	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sulphate as SO4	IS 3025 (Part 24)
232	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sulphide as S2-	APHA 23rd Edition 4500 S2-
233	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Sulphide as S2-	IS 3025 (Part 29)
234	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Temperature	APHA 23rd Edition 2550 B

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 14 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
235	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Temperature	IS 3025 (Part 9)
236	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total alkalinity	APHA 23rd Edition 2320 B
237	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total alkalinity	IS 3025 (Part 23)
238	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total Chromium as TCr	APHA 23rd Edition 3111 B
239	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total Chromium as TCr	IS 3025 (Part 52)
240	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total dissolved solids	APHA 23rd Edition 2540 C
241	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total dissolved solids	IS 3025 (Part 16)
242	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total hardness	APHA 23rd Edition 2340 C
243	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total hardness	IS 3025 (Part 21)
244	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total nitrogen	APHA 23rd Edition 4500 B
245	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total nitrogen	IS 3025 (Part 34)
246	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total solids	APHA 23rd Edition 2540 B
247	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total solids	IS 3025 (Part 15)
248	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total suspended solids	APHA 23rd Edition 2540 D
249	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Total suspended solids	IS 3025 (Part 17)
250	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Turbidity	APHA 23rd Edition 2130 B
251	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Turbidity	IS 3025 (Part 10)
252	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Zinc as Zn	APHA 23rd Edition 3111 B
253	CHEMICAL- POLLUTION & ENVIRONMENT	Treated water	Zinc as Zn	IS 3025 (Part 49)

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7282
Page No	15 of 31
Validity	01/10/2021 to 30/09/2023
Last Amended on	08/10/2022

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
254	CHEMICAL- RESIDUES IN WATER	Borewell water	Aluminium as Al	APHA 23rd Edition 3111 D
255	CHEMICAL- RESIDUES IN WATER	Borewell water	Antimony as Sb	APHA 23rd Edition 3111 B
256	CHEMICAL- RESIDUES IN WATER	Borewell water	Barium as Ba	APHA 23rd Edition 3111 D
257	CHEMICAL- RESIDUES IN WATER	Borewell water	Boron as B	APHA 23rd Edition 4500 B
258	CHEMICAL- RESIDUES IN WATER	Borewell water	Boron as B	IS 3025 (Part 57)
259	CHEMICAL- RESIDUES IN WATER	Borewell water	Cadmium as Cd	APHA 23rd Edition 3111 B
260	CHEMICAL- RESIDUES IN WATER	Borewell water	Cadmium as Cd	IS 3025 (Part 41)
261	CHEMICAL- RESIDUES IN WATER	Borewell water	Copper as Cu	APHA 23rd Edition 3111 B
262	CHEMICAL- RESIDUES IN WATER	Borewell water	Copper as Cu	IS 3025 (Part 42)
263	CHEMICAL- RESIDUES IN WATER	Borewell water	Fluoride as F	APHA 23rd Edition 4500 F D
264	CHEMICAL- RESIDUES IN WATER	Borewell water	Iron as Fe	APHA 23rd Edition 3111 B
265	CHEMICAL- RESIDUES IN WATER	Borewell water	Iron as Fe	IS 3025 (Part 53)
266	CHEMICAL- RESIDUES IN WATER	Borewell water	Lead as Pb	APHA 23rd Edition 3111 B
267	CHEMICAL- RESIDUES IN WATER	Borewell water	Lead as Pb	IS 3025 (Part 47)
268	CHEMICAL- RESIDUES IN WATER	Borewell water	Manganese as Mn	APHA 23rd Edition 3111 B
269	CHEMICAL- RESIDUES IN WATER	Borewell water	Molybdenum as Mo	APHA 23rd Edition 3111 D
270	CHEMICAL- RESIDUES IN WATER	Borewell water	Nickel as Ni	APHA 23rd Edition 3111 B
271	CHEMICAL- RESIDUES IN WATER	Borewell water	Nickel as Ni	IS 3025 (Part 54)
272	CHEMICAL- RESIDUES IN WATER	Borewell water	Phenols	IS 3025 (Part 43)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 16 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
273	CHEMICAL- RESIDUES IN WATER	Borewell water	Silver as Ag	APHA 23rd Edition 3111 B
274	CHEMICAL- RESIDUES IN WATER	Borewell water	Sodium as Na	IS 3025 (Part 45)
275	CHEMICAL- RESIDUES IN WATER	Borewell water	Total Chromium as TCr	APHA 23rd Edition 3111 B
276	CHEMICAL- RESIDUES IN WATER	Borewell water	Total Chromium as TCr	IS 3025 (Part 52)
277	CHEMICAL- RESIDUES IN WATER	Borewell water	Zinc as Zn	APHA 23rd Edition 3111 B
278	CHEMICAL- RESIDUES IN WATER	Borewell water	Zincas Zn	IS 3025 (Part 49)
279	CHEMICAL- RESIDUES IN WATER	Drinking water	Alachlor	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
280	CHEMICAL- RESIDUES IN WATER	Drinking water	Aldrin	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
281	CHEMICAL- RESIDUES IN WATER	Drinking water	Aluminium as Al	APHA 23rd Edition 3111D
282	CHEMICAL- RESIDUES IN WATER	Drinking water	Antimony aa Sb	APHA 23rd Edition 3111 B
283	CHEMICAL- RESIDUES IN WATER	Drinking water	Atrazine	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
284	CHEMICAL- RESIDUES IN WATER	Drinking water	Barium as Ba	APHA 23rd Edition 3111 D
285	CHEMICAL- RESIDUES IN WATER	Drinking water	Boron as B	APHA 23rd Edition 4500 B
286	CHEMICAL- RESIDUES IN WATER	Drinking water	Boron as B	IS 3025 (Part 57)
287	CHEMICAL- RESIDUES IN WATER	Drinking water	Cadmium as Cd	APHA 23rd Edition 3111 B
288	CHEMICAL- RESIDUES IN WATER	Drinking water	Cadmium as Cd	IS 3025 (Part 41)
289	CHEMICAL- RESIDUES IN WATER	Drinking water	Chloropyrifos	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
290	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper as Cu	APHA 23rd Edition 3111 B
291	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper as Cu	IS 3025 (Part 42)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 17 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
292	CHEMICAL- RESIDUES IN WATER	Drinking water	Ethion	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
293	CHEMICAL- RESIDUES IN WATER	Drinking water	Fluoride as F	APHA 23rd Edition 4500 F D
294	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron as Fe	APHA 23rd Edition 3111 B
295	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron as Fe	IS 3025 (Part 53)
296	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead as Pb	APHA 23rd Edition 3111 B
297	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead as Pb	IS 3025 (Part 47)
298	CHEMICAL- RESIDUES IN WATER	Drinking water	Lindane	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
299	CHEMICAL- RESIDUES IN WATER	Drinking water	Malathion	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
300	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese as Mn	APHA 23rd Edition 3111 B
301	CHEMICAL- RESIDUES IN WATER	Drinking water	Methyl parathion	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
302	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel as Ni	APHA 23rd Edition 3111 B
303	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel as Ni	IS 3025 (Part 54)
304	CHEMICAL- RESIDUES IN WATER	Drinking water	o-p'-DDE	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
305	CHEMICAL- RESIDUES IN WATER	Drinking water	Phenols	IS 3025 (Part 43)
306	CHEMICAL- RESIDUES IN WATER	Drinking water	p-p'-DDE	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
307	CHEMICAL- RESIDUES IN WATER	Drinking water	Silver as Ag	APHA 23rd Edition 3111B
308	CHEMICAL- RESIDUES IN WATER	Drinking water	Sodium as Na	APHA 23rd Edition 3500 Na B
309	CHEMICAL- RESIDUES IN WATER	Drinking water	Sodium as Na	IS 3025 (Part 45)
310	CHEMICAL- RESIDUES IN WATER	Drinking water	ß-HCH	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 18 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
311	CHEMICAL- RESIDUES IN WATER	Drinking water	Total chromium as TCr	APHA 23rd Edition 3111 B
312	CHEMICAL- RESIDUES IN WATER	Drinking water	Total chromium as TCr	IS 3025 (Part 52)
313	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc as Zn	APHA 23rd Edition 3111 B
314	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc as Zn	IS 3025 (Part 49)
315	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Alachlor	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
316	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Aldrin	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
317	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Aluminium as Al	APHA 23rd Edition 3111 D
318	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Antimony as Sb	APHA 23rd Edition 3111 B
319	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Atrazine	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
320	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Barium as Ba	APHA 23rd Edition 3111 D
321	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Boron as B	APHA 23rd Edition 4500 B
322	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Boron as B	IS 3025 (Part 57)
323	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Cadmium as Cd	APHA 23rd Edition 3111 B
324	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Cadmium as Cd	IS 3025 (Part 41)
325	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Chlorofyrifos	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
326	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Copper as Cu	APHA 23rd Edition 3111 B
327	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Copper as Cu	IS 3025 (Part 42)
328	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Ethion	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
329	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Fluoride as F	APHA 23rd Edition 4500 F D

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7282
Page No	19 of 31
Validity	01/10/2021 to 30/09/2023
Last Amended on	08/10/2022

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
330	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Iron as Fe	APHA 23rd Edition 3111 B
331	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Iron as Fe	IS 3025 (Part 53)
332	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Lead as Pb	APHA 23rd Edition 3111 B
333	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Lead as Pb	IS 3025 (Part 47)
334	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Lindane	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
335	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Malathion	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
336	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Manganese as Mn	APHA 23rd Edition 3111 B
337	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Methyl parathion	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
338	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Molybdenum as Mo	APHA 23rd Edition 3111 D
339	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Nickel as Ni	APHA 23rd Edition 3111 B
340	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Nickel as Ni	IS 3025 (Part 54)
341	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	o-p'-DDE	SOP No PPC/CH/SP/46 ; Issue No 01 ; Issue date 23.01.2020
342	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Phenols	IS 3025 (Part 43)
343	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	p-p'-DDE	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
344	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Silver as Ag	APHA 23rd Edition 3111 B
345	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Sodium as Na	APHA 23rd Edition 3500 Na B
346	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Sodium as Na	IS 3025 (Part 45)
347	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	ß-HCH	SOP No PPC/CH/SP/46; Issue No 01 ; Issue date 23.01.2020
348	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Total Chromium as TCr	APHA 23rd Edition 3111 B

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 20 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
349	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Total Chromium as TCr	IS 3025 (Part 52)
350	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Zinc as Zn	APHA 23rd Edition 3111 B
351	CHEMICAL- RESIDUES IN WATER	Packaged Drinking water	Zinc as Zn	IS 3025 (Part 49)
352	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Aluminium as Al	APHA 23rd Edition 3111 D
353	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Antimony as Sb	APHA 23rd Edition 3111 B
354	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Barium s Ba	APHA 23rd Edition 3111 D
355	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Boron as B	APHA 23rd Edition 4500 B
356	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Boron as B	IS 3025 (Part 57)
357	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Cadmium as Cd	APHA 23rd Edition 3111 B
358	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Cadmium as Cd	IS 3025 (Part 41)
359	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Copper as Cu	APHA 23rd Edition 3111 B
360	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Copper as Cu	IS 3025 (Part 42)
361	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Fluoride as F	APHA 23rd Edition 4500 F D
362	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Iron as Fe	APHA 23rd Edition 3111 B
363	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Iron as Fe	IS 3025 (Part 53)
364	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Lead as Pb	APHA 23rd Edition 3111 B
365	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Lead as Pb	IS 3025 (Part 47)
366	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Manganese as Mn	APHA 23rd Edition 3111 B
367	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Molybdenum as Mo	APHA 23rd Edition 3111 D

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 21 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
368	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Nickel as Ni	APHA 23rd Edition 3111 B
369	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Nickel as Ni	IS 3025 (Part 54)
370	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Phenols	IS 3025 (Part 43)
371	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Silver as Ag	APHA 23rd Edition 3111 B
372	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Sodium as Na	APHA 23rd Edition 3500 Na B
373	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Sodium as Na	IS 3025 (Part 45)
374	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Total Chromium as TCr	APHA 23rd Edition 3111 B
375	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Total Chromium as TCr	IS 3025 (Part 52)
376	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Zinc as Zn	APHA 23rd Edition 3111 B
377	CHEMICAL- RESIDUES IN WATER	Water for swimming pool	Zinc as Zn	IS 3025 (Part 49)
378	CHEMICAL- RESIDUES IN WATER	Water from food processed industry	Phenols	IS 3025 (Part 43)
379	CHEMICAL- RESIDUES IN WATER	Water from water purifier	Phenols	IS 3025 (Part 43)
380	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Total Chromium as TCr	APHA 23rd Edition 3111 B
381	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Aluminium as Al	APHA 23rd Edition 3111 D
382	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Antimony as Sb	APHA 23rd Edition 3111 B
383	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Barium as Ba	APHA 23rd Edition D
384	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Boron as B	APHA 23rd Edition 4500 B
385	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Boron as B	IS 3025 (Part 57)
386	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Cadmium as Cd	APHA 23rd Edition 3111 B

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 22 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
387	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Cadmium as Cd	IS 3025 (Part 41)
388	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Copper as Cu	APHA 23rd Edition 3111 B
389	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Copper as Cu	IS 3025 (Part 42)
390	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Fluoride as F	APHA 23rd Edition 4500 F D
391	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Iron as Fe	APHA 23rd Edition 3111 B
392	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Iron as Fe	IS 3025 (Part 53)
393	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Lead as Pb	APHA 23rd Edition 3111 B
394	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Lead as Pb	IS 3025 (Part 47)
395	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Manganese as Mn	APHA 23rd Edition 3111 B
396	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Molybdenum as Mo	APHA 23rd 3111 D
397	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Nickel as Ni	IS 3025 (Part 54)
398	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Nickel as Ni	APHA 23rd Edition 3111 B
399	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Silver as Ag	APHA 23rd Edition 3111 B
400	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Sodium as Na	IS 3025 (Part 45)
401	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Zinc as Zn	APHA 23rd Edition 3111 B
402	CHEMICAL- RESIDUES IN WATER	Water from water purifiers	Zinc as Zn	IS 3025 (Part 49)
403	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Aluminium as Al	APHA 23rd Edition 3111 D
404	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Antimony as Sb	APHA 23rd Edition 3111 B
405	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Barium as Ba	APHA 23rd Edition 3111 D

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7282
Page No	23 of 31
Validity	01/10/2021 to 30/09/2023
Last Amended on	08/10/2022

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
406	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Boron as B	APHA 23rd Edition 4500 B
407	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Boron as B	IS 3025 (Part 57)
408	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Cadmium as Cd	APHA 23rd Edition 3111 B
409	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Cadmium as Cd	IS 3025 (Part 41)
410	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Copper as Cu	APHA 23rd Edition 3111 B
411	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Copper as Cu	IS 3025 (Part 42)
412	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Fluoride as F	APHA 23rd Edition 4500 F D
413	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Iron as Fe	APHA 23rd Edition 3111 B
414	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Iron as Fe	IS 3025 (Part 53)
415	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Lead as Pb	APHA 23rd Edition 3111 B
416	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Lead as Pb	IS 3025 (Part 47)
417	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Manganese as Mn	APHA 23rd Edition 3111 B
418	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Nickel as Ni	APHA 23rd Edition 3111 B
419	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Nickel as Ni	IS 3025 (Part 54)
420	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Silver as Ag	APHA 23rd Edition 3111 B
421	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Sodium as Na	APHA 23rd Edition 3500 Na B
422	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Sodium as Na	IS 3025 (Part 45)
423	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Total Chromium	APHA 23rd Edition 3111 B
424	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Total Chromium as TCr	IS 3025 (Part 52)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 24 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
425	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Zinc as Zn	APHA 23rd Edition 3111 B
426	CHEMICAL- RESIDUES IN WATER	Water used in processed food industry	Zinc as Zn	IS 3025 (Part 49)
427	CHEMICAL- WATER	Feed Water	Copper as Cu	IS 3025 (Part 42)
428	CHEMICAL- WATER	Boiler Water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
429	CHEMICAL- WATER	Boiler Water	Chloride as Cl	IS 3025 (Part 32)
430	CHEMICAL- WATER	Boiler Water	Iron as Fe	APHA 23rd Edition 3111 B
431	CHEMICAL- WATER	Boiler Water	Iron as Fe	IS 3025 (Part 53)
432	CHEMICAL- WATER	Boiler Water	pH @ 25°C	APHA 23rd Edition 4500 pH value
433	CHEMICAL- WATER	Boiler Water	pH @ 25°C	IS 3025 (Part 11)
434	CHEMICAL- WATER	Boiler Water	Total alkalinity	APHA 23rd Edition 2320 B
435	CHEMICAL- WATER	Boiler Water	Total alkalinity	IS 3025 (Part 23)
436	CHEMICAL- WATER	Boiler Water	Total hardness	APHA 23rd Edition 2340C
437	CHEMICAL- WATER	Boiler Water	Total hardness	IS 3025 (Part 21)
438	CHEMICAL- WATER	Borewell water	Ammonical nitrogen	IS 3025 (Part 34)
439	CHEMICAL- WATER	Borewell water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
440	CHEMICAL- WATER	Borewell water	Calcium as Ca	IS 3025 (Part 40)
441	CHEMICAL- WATER	Borewell water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
442	CHEMICAL- WATER	Borewell water	Chloride as Cl	IS 3025 (Part 32)
443	CHEMICAL- WATER	Borewell water	Colour	APHA 23rd Edition 2120 B
444	CHEMICAL- WATER	Borewell water	Colour	IS 3025 (Part 4)
445	CHEMICAL- WATER	Borewell water	Cyanide as CN	APHA 23rd Edition 4500 CN C D
446	CHEMICAL- WATER	Borewell water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
447	CHEMICAL- WATER	Borewell water	Magnesium as Mg	IS 3025 (Part 59)
448	CHEMICAL- WATER	Borewell water	Nitrate as NO3	APHA 23rd 4500 NO3 B
449	CHEMICAL- WATER	Borewell water	Nitrite as NO2	APHA 23rd Edition 4500 NO2 B
450	CHEMICAL- WATER	Borewell water	Nitrite as NO2	IS 3025 (Part 34)
451	CHEMICAL- WATER	Borewell water	pH @ 25°C	APHA 23rd Edition 4500 pH value B
452	CHEMICAL- WATER	Borewell water	pH @ 25°C	IS 3025 (Part 11)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 25 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
453	CHEMICAL- WATER	Borewell water	Residual free chlorine	APHA 23rd Edition 4500 Cl B
454	CHEMICAL- WATER	Borewell water	Residual free chlorine	IS 3025 (Part 26)
455	CHEMICAL- WATER	Borewell water	Sulphate as SO4	APHA 23rd Edition 4500 SO4 E
456	CHEMICAL- WATER	Borewell water	Sulphate as SO4	IS 3025 (Part 24)
457	CHEMICAL- WATER	Borewell water	Sulphide as S2-	APHA 23rd Edition 4500 S2-
458	CHEMICAL- WATER	Borewell water	Sulphide as S2-	IS 3025 (Part 29)
459	CHEMICAL- WATER	Borewell water	Total alkalinity	APHA 23rd Edition 2320 B
460	CHEMICAL- WATER	Borewell water	Total alkalinity	IS 3025 (Part 23)
461	CHEMICAL- WATER	Borewell water	Total dissolved solids	APHA 23rd Edition 2540 C
462	CHEMICAL- WATER	Borewell water	Total dissolved solids	IS 3025 (Part 16)
463	CHEMICAL- WATER	Borewell water	Total hardness	IS 3025 (Part 21)
464	CHEMICAL- WATER	Borewell water	Total solids	APHA 23rd edition 2540 B
465	CHEMICAL- WATER	Borewell water	Total solids	IS 3025 (Part 15)
466	CHEMICAL- WATER	Borewell water	Total suspended solids	APHA 23rd Edition 2540 C
467	CHEMICAL- WATER	Borewell water	Total suspended solids	IS 3025 (Part 17)
468	CHEMICAL- WATER	Borewell water	Turbidity	APHA 23rd Edition 21030 B
469	CHEMICAL- WATER	Borewell water	Turbidity	IS 3025 (Part 10)
470	CHEMICAL- WATER	Borewelll water	Total hardness	APHA 23rd Edition 2340 C
471	CHEMICAL- WATER	Cooling Tower Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
472	CHEMICAL- WATER	Cooling Tower Water	Calcium as Ca	IS 3025 (Part 40)
473	CHEMICAL- WATER	Cooling Tower Water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
474	CHEMICAL- WATER	Cooling Tower Water	Chloride as Cl	IS 3025 (Part 32)
475	CHEMICAL- WATER	Cooling Tower Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
476	CHEMICAL- WATER	Cooling Tower Water	Magnesium as Mg	IS 3025 (Part 46)
477	CHEMICAL- WATER	Cooling Tower Water	pH @ 25°C	APHA 23rd Edition 4500 pH value
478	CHEMICAL- WATER	Cooling Tower Water	pH @ 25°C	IS 3025 (Part 11)
479	CHEMICAL- WATER	Cooling Tower Water	Total dissolved solids	APHA 23rd Edition 2540 C
480	CHEMICAL- WATER	Cooling Tower Water	Total dissolved solids	IS 305 (Part 16)
481	CHEMICAL- WATER	Cooling Tower Water	Total hardness	APHA 23rd Edition 2340 C
482	CHEMICAL- WATER	Cooling Tower Water	Total hardness	IS 3025 (Part 21)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 26 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
483	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen	IS 3025 (Part 34)
484	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition 3500 Ca B
485	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
486	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
487	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
488	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition 2120 B
489	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
490	CHEMICAL- WATER	Drinking Water	Cyanide as CN	APHA 23rd Edition 4500 CN C D
491	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
492	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
493	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
494	CHEMICAL- WATER	Drinking Water	Nitrite as NO2	APHA 23rd Edition 4500 NO2 B
495	CHEMICAL- WATER	Drinking Water	Nitrite as NO2	IS 3025 (Part 34)
496	CHEMICAL- WATER	Drinking Water	pH @ 25°C	APHA 23rd Edition 4500 pH value B
497	CHEMICAL- WATER	Drinking Water	pH @ 25°C	IS 3025 (Part 11)
498	CHEMICAL- WATER	Drinking Water	Residual free chlorine	APHA 23rd Edition 4500 Cl B
499	CHEMICAL- WATER	Drinking Water	Residual free chlorine	IS 3025 (Part 26)
500	CHEMICAL- WATER	Drinking Water	Silver as Ag	APHA 23rd Edition 3111B
501	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA 23rd Edition 4500 SO4 E
502	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
503	CHEMICAL- WATER	Drinking Water	Sulphide as S2-	APHA 23rd Edtion 4500 S2-
504	CHEMICAL- WATER	Drinking Water	Sulphide as S2-	IS 3025 (Part 29)
505	CHEMICAL- WATER	Drinking Water	Total alkalinity	APHA 23rd Edition 2320 B
506	CHEMICAL- WATER	Drinking Water	Total alkalinity	IS 3025 (Part 23)
507	CHEMICAL- WATER	Drinking Water	Total dissolved solids	APHA 23rd Edition 2540 C
508	CHEMICAL- WATER	Drinking Water	Total dissolved solids	IS 3025 (Part 16)
509	CHEMICAL- WATER	Drinking Water	Total hardness	APHA 23rd Edition 2340 C
510	CHEMICAL- WATER	Drinking Water	Total hardness	IS 3025 (Part 21)
511	CHEMICAL- WATER	Drinking Water	Total solids	APHA 23rd Edition 2540 B
512	CHEMICAL- WATER	Drinking Water	Total solids	IS 3025 (Part 15)

SCOPE OF ACCREDITATION

Laboratory Name :	PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	27 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
513	CHEMICAL- WATER	Drinking Water	Total suspended solids	APHA 23rd Edition 2540 D
514	CHEMICAL- WATER	Drinking Water	Total suspended solids	IS 3025 (Part 17)
515	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
516	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
517	CHEMICAL- WATER	Feed Water	Acidity	APHA 23rd Edition 2310 B
518	CHEMICAL- WATER	Feed Water	Acidity	IS 3025 (Part 22)
519	CHEMICAL- WATER	Feed water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
520	CHEMICAL- WATER	Feed Water	Chloride as Cl	IS 3025 (Part 32)
521	CHEMICAL- WATER	Feed Water	Conductivity	APHA 23rd Edition 2510 B
522	CHEMICAL- WATER	Feed Water	Conductivity	IS 3025 (Part 14)
523	CHEMICAL- WATER	Feed Water	Copper as Cu	APHA 23rd Edition 3111 B
524	CHEMICAL- WATER	Feed Water	Dissolved oxygen	APHA 23rd Edition 4500 O B
525	CHEMICAL- WATER	Feed Water	Dissolved oxygen	IS 3025 (Part 38)
526	CHEMICAL- WATER	Feed Water	Iron as Fe	APHA 23rd Edition 3111 B
527	CHEMICAL- WATER	Feed Water	Iron as Fe	IS 3025 (Part 53)
528	CHEMICAL- WATER	Feed Water	pH @ 25°C	APHA 23rd Edition 4500 pH value
529	CHEMICAL- WATER	Feed Water	pH @ 25°C	IS 3025 (Part 11)
530	CHEMICAL- WATER	Feed Water	Sodium as Na	APHA 23rd Edition 3500 Na B
531	CHEMICAL- WATER	Feed Water	Sodium as Na	IS 3025 (Part 45)
532	CHEMICAL- WATER	Packaged Drinking Water	Ammonical nitrogen	IS 3025 (Part 34)
533	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	APHA 23rd Edition 4500 Cl B
534	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 (Part 40)
535	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
536	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	IS 3025 (Part 32)
537	CHEMICAL- WATER	Packaged Drinking Water	Colour	APHA 23rd Edition 2120 B
538	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4)
539	CHEMICAL- WATER	Packaged Drinking Water	Cyanide as CN	APHA 23rd edition 4500 CN C D
540	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
541	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
542	CHEMICAL- WATER	Packaged Drinking Water	Nitrate as NO3	APHA 23rd edition 4500 NO3 B

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 28 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
543	CHEMICAL- WATER	Packaged Drinking Water	Nitrite as NO2	APHA 23rd edition 4500 NO2 B
544	CHEMICAL- WATER	Packaged Drinking Water	Nitrite as NO2	IS 3025 (Part 34)
545	CHEMICAL- WATER	Packaged Drinking Water	pH @ 25°C	APHA 23rd edition 4500 pH value B
546	CHEMICAL- WATER	Packaged Drinking Water	pH @ 25°C	IS 3025 (Part 11)
547	CHEMICAL- WATER	Packaged Drinking Water	Residual free chlorine	APHA 23rd edition 4500 Cl B
548	CHEMICAL- WATER	Packaged Drinking Water	Residual free chlorine	IS 3025 (Part 26)
549	CHEMICAL- WATER	Packaged Drinking Water	Sulphate as SO4	APHA 23rd Edition 4500 SO4 E
550	CHEMICAL- WATER	Packaged Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
551	CHEMICAL- WATER	Packaged Drinking Water	Sulphide as S2-	APHA 23rd Edition 4500 S2-
552	CHEMICAL- WATER	Packaged Drinking Water	Sulphide as S2-	IS 3025 (Part 29)
553	CHEMICAL- WATER	Packaged Drinking Water	Total alkalinity	APHA 23rd Edition 2320 B
554	CHEMICAL- WATER	Packaged Drinking Water	Total alkalinity	IS 3025 (Part 23)
555	CHEMICAL- WATER	Packaged Drinking Water	Total dissolved solids	APHA 23rd Edition 2540 C
556	CHEMICAL- WATER	Packaged Drinking Water	Total dissolved solids	IS 3025 (Part 16)
557	CHEMICAL- WATER	Packaged Drinking Water	Total hardness	APHA 23rd Edition 2340 C
558	CHEMICAL- WATER	Packaged Drinking Water	Total hardness	IS 3025 (Part 21)
559	CHEMICAL- WATER	Packaged Drinking Water	Total solids	APHA 23rd Edition 2540 B
560	CHEMICAL- WATER	Packaged Drinking Water	Total solids	IS 3025 (Part 15)
561	CHEMICAL- WATER	Packaged Drinking Water	Total suspended solids	APHA 23rd Edition 2540 D
562	CHEMICAL- WATER	Packaged Drinking Water	Total suspended solids	IS 3025 (Part 17)
563	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	APHA 23rd Edition 2130 B
564	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
565	CHEMICAL- WATER	Water for Swimming Pool	Ammonical nitrogen	IS 3025 (Part 34)
566	CHEMICAL- WATER	Water for Swimming Pool	Calcium as Ca	APHA 23rd Edition 3500 Ca B
567	CHEMICAL- WATER	Water for Swimming Pool	Calcium as Ca	IS 3025 (Part 40)
568	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	APHA 23rd Edition 4500 Cl B
569	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 (Part 32)
570	CHEMICAL- WATER	Water for Swimming Pool	Cyanide as CN	APHA 23rd Edition 4500 CN C D
571	CHEMICAL- WATER	Water for Swimming Pool	Magnesium as Mg	APHA 23rd Edition 3500 Mg B
572	CHEMICAL- WATER	Water for Swimming Pool	Magnesium as Mg	IS 3025 (Part 46)

SCOPE OF ACCREDITATION

Laboratory Name : PAI & PAI CHEMICALS (I) PVT LTD, ANALYTICAL SERVICE DIVISION, #29/A, 1ST PHASE, KUMBALAGODU INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7282 **Page No** 29 of 31

Validity 01/10/2021 to 30/09/2023 **Last Amended on** 08/10/2022

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
573	CHEMICAL- WATER	Water for Swimming Pool	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
574	CHEMICAL- WATER	Water for Swimming Pool	Nitrite as NO2	APHA 23rd Edition 4500 NO2 B
575	CHEMICAL- WATER	Water for Swimming Pool	Nitrite as NO2	IS 3025 (Part 34)
576	CHEMICAL- WATER	Water for Swimming Pool	pH @ 25°C	APHA 23rd Edition 4500 pH value B
577	CHEMICAL- WATER	Water for Swimming Pool	pH @ 25°C	IS 3025 (Part 11)
578	CHEMICAL- WATER	Water for Swimming Pool	Residual free chlorine	APHA 23rd Edition 4500 Cl B
579	CHEMICAL- WATER	Water for Swimming Pool	Residual free chlorine	IS 3025 (Part 26)
580	CHEMICAL- WATER	Water for Swimming Pool	Sulphate as SO 4	APHA 23rd Edition 4500 SO4 E
581	CHEMICAL- WATER	Water for Swimming Pool	Sulphate as SO4	IS 3025 (Part 24)
582	CHEMICAL- WATER	Water for Swimming Pool	Sulphide as S2-	APHA 23rd Edition 4500 S2-
583	CHEMICAL- WATER	Water for Swimming Pool	Sulphide as S2-	IS 3025 (Part 29)
584	CHEMICAL- WATER	Water for Swimming Pool	Total alkalinity	APHA 23rd Edition 2320 B
585	CHEMICAL- WATER	Water for Swimming Pool	Total alkalinity	IS 3025 (Part 23)
586	CHEMICAL- WATER	Water for Swimming Pool	Total dissolved solids	APHA 23rd Edition 2540 C
587	CHEMICAL- WATER	Water for Swimming Pool	Total dissolved solids	IS 3025 (Part 16)
588	CHEMICAL- WATER	Water for Swimming Pool	Total hardness	APHA 23rd Edition 2340 C
589	CHEMICAL- WATER	Water for Swimming Pool	Total hardness	IS 3025 (Part 21)
590	CHEMICAL- WATER	Water for Swimming Pool	Total solids	APHA 23rd Edition 2540 B
591	CHEMICAL- WATER	Water for Swimming Pool	Total solids	IS 3025 (Part 15)
592	CHEMICAL- WATER	Water for Swimming Pool	Total suspended solids	APHA 23rd Edition 2540 D
593	CHEMICAL- WATER	Water for Swimming Pool	Total suspended solids	IS 3025 (Part 17)
594	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	APHA 23rd Edition 2130 B
595	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
596	CHEMICAL- WATER	Water from Water Purifiers	Ammonical nitrogen	IS 3025 (Part 34)
597	CHEMICAL- WATER	Water from Water Purifiers	Calcium as Ca	APHA 23rd Edition 3500 Ca B
598	CHEMICAL- WATER	Water from Water Purifiers	Calcium as Ca	IS 3025 (Part 40)
599	CHEMICAL- WATER	Water from Water Purifiers	Chloride as Cl	APHA 23rd Edition 4500 Cl B
600	CHEMICAL- WATER	Water from Water Purifiers	Chloride as Cl	IS 3025 (Part 32)
601	CHEMICAL- WATER	Water from Water Purifiers	Cyanide as CN	APHA 23rd Edition 4500 CN C D
602	CHEMICAL- WATER	Water from Water Purifiers	Magnesium as Mg	APHA 23rd Edition 3500 Mg B

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-7282
Page No	30 of 31
Validity	01/10/2021 to 30/09/2023
Last Amended on	08/10/2022

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
603	CHEMICAL- WATER	Water from Water Purifiers	Magnesium as Mg	IS 3025 (Part 46)
604	CHEMICAL- WATER	Water from Water Purifiers	Nitrate as NO3	APHA 23rd Edition 4500 NO3 B
605	CHEMICAL- WATER	Water from Water Purifiers	Nitrite as NO2	APHA 23rd Edition 4500 NO2 B
606	CHEMICAL- WATER	Water from Water Purifiers	Nitrite as NO2	IS 3025 (Part 34)
607	CHEMICAL- WATER	Water from Water Purifiers	pH @ 25°C	APHA 23rd Edition 4500 pH value B
608	CHEMICAL- WATER	Water from Water Purifiers	pH @ 25°C	IS 3025 (Part 11)
609	CHEMICAL- WATER	Water from Water Purifiers	Residual free chlorine	APHA 23rd Edition 4500 Cl B
610	CHEMICAL- WATER	Water from Water Purifiers	Residual free chlorine	IS 3025 (Part 26)
611	CHEMICAL- WATER	Water from Water Purifiers	Sulphate as SO4	IS 3025 (Part 24)
612	CHEMICAL- WATER	Water from Water Purifiers	Sulphide as S2-	APHA 23rd Edition 4500 S2-
613	CHEMICAL- WATER	Water from Water Purifiers	Sulphide as S2-	IS 3005 (Part 29)
614	CHEMICAL- WATER	Water from Water Purifiers	Total alkalinity	APHA 23rd Edition 2320 B
615	CHEMICAL- WATER	Water from Water Purifiers	Total alkalinity	IS 3025 (Part 23)
616	CHEMICAL- WATER	Water from Water Purifiers	Total dissolved solids	APHA 23rd Edition 2540 C
617	CHEMICAL- WATER	Water from Water Purifiers	Total dissolved solids	IS 3025 (Part 16)
618	CHEMICAL- WATER	Water from Water Purifiers	Total hardness	APHA 23rd Edition 2340 C
619	CHEMICAL- WATER	Water from Water Purifiers	Total hardness	IS 3025 (Part 21)
620	CHEMICAL- WATER	Water from Water Purifiers	Total solids	APHA 23rd Edition 2540 B
621	CHEMICAL- WATER	Water from Water Purifiers	Total solids	IS 3025 (Part 15)
622	CHEMICAL- WATER	Water from Water Purifiers	Total suspended solids	APHA 23rd Edition 2540 C
623	CHEMICAL- WATER	Water from Water Purifiers	Total suspended solids	IS 3025 (Part 17)
624	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	APHA 23rd Edition 2130 B
625	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	IS 3025 (Part 10)
626	CHEMICAL- WATER	Water used in Processed Food Industry	Ammonical nitrogen	IS 3025(Part 34)
627	CHEMICAL- WATER	Water used in Processed Food Industry	Calcium as Ca	APHA 23rd Edition 4500 Cl B
628	CHEMICAL- WATER	Water used in Processed Food Industry	Calcium as Ca	IS 3025 (Part 40)
629	CHEMICAL- WATER	Water used in Processed Food Industry	Chloride as Cl	APHA 23rd Edition 4500 Cl B
630	CHEMICAL- WATER	Water used in Processed Food Industry	Chloride as Cl	IS 3025 (Part 32)
631	CHEMICAL- WATER	Water used in Processed Food Industry	Cyanide as CN	APHA 23rd Edition 4500 CN C D
632	CHEMICAL- WATER	Water used in Processed Food Industry	Magnesium as Mg	APHA 23rd Edition 3500 Mg B

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7282	**Page No**	31 of 31
Validity	01/10/2021 to 30/09/2023	**Last Amended on**	08/10/2022

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
633	CHEMICAL- WATER	Water used in Processed Food Industry	Magnesium as Mg	IS 3025 (Part 46)
634	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrate as NO3	APHA 23 rd Edition 4500 NO3 B
635	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrite as NO2	APHA 23rd Edition 4500 NO2 B
636	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrite as NO2	IS 3025 (Part 34)
637	CHEMICAL- WATER	Water used in Processed Food Industry	pH @ 25°C	APHA 23rd Edition 4500 pH value B
638	CHEMICAL- WATER	Water used in Processed Food Industry	pH @ 25°C	IS 3025 (Part 11)
639	CHEMICAL- WATER	Water used in Processed Food Industry	Residual free chlorine	APHA 23rd Edition 4500 Cl B
640	CHEMICAL- WATER	Water used in Processed Food Industry	Residual free chlorine	IS 3025 (Part 26)
641	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphate as SO4	APHA 23rd Edition 4500 SO4 E
642	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphate as SO4	IS 3025 (Part 24)
643	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphide as S2-	APHA 23rd Edition 4500 S2-
644	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphide as S2-	IS 3025 (Part 29)
645	CHEMICAL- WATER	Water used in Processed Food Industry	Total alkalinity	APHA 23rd Edition 2320 B
646	CHEMICAL- WATER	Water used in Processed Food Industry	Total alkalinity	IS 3025 (Part 23)
647	CHEMICAL- WATER	Water used in Processed Food Industry	Total dissolved solids	APHA 23rd Edition 2540 C
648	CHEMICAL- WATER	Water used in Processed Food Industry	Total dissolved solids	IS 3025 (Part 16)
649	CHEMICAL- WATER	Water used in Processed Food Industry	Total hardness	APHA 23rd Edition 2340 C
650	CHEMICAL- WATER	Water used in Processed Food Industry	Total hardness	IS 3025 (Part 21)
651	CHEMICAL- WATER	Water used in Processed Food Industry	Total solids	APHA 23rd Edition 2540 B
652	CHEMICAL- WATER	Water used in Processed Food Industry	Total solids	IS 3025 (Part 15)
653	CHEMICAL- WATER	Water used in Processed Food Industry	Total suspended solids	APHA 23rd Edition 2540 D
654	CHEMICAL- WATER	Water used in Processed Food Industry	Total suspended solids	IS 3025 (Part 17)
655	CHEMICAL- WATER	Water used in Processed Food Industry	Turbidity	APHA 23rd Edition 2130 B
656	CHEMICAL- WATER	Water used in Processed Food Industry	Turbidity	IS 3025 (Part 10)

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.