



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ACCURATE RESEARCH & ANALYTICAL PRIVATE LIMITED, PLOT NO. 33, VIBRANT BUSINESS PARK, NH NO. 48, GIDC, VAPI, VALSAD, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-10769	<b>Page No</b>	1 of 20
<b>Validity</b>	01/07/2022 to 30/06/2024	<b>Last Amended on</b>	03/08/2022

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	CHEMICAL- COSMETICS & ESSENTIAL OILS	Hair Cream	pH	IS 7679
2	CHEMICAL- COSMETICS & ESSENTIAL OILS	Powder Hair Dyes	pH	IS 10350
3	CHEMICAL- COSMETICS & ESSENTIAL OILS	Shampoo, Surfactant	pH	IS 7884
4	CHEMICAL- COSMETICS & ESSENTIAL OILS	Skin Cream	pH	IS 6608
5	CHEMICAL- COSMETICS & ESSENTIAL OILS	Skin Powder	pH	IS 3959
6	CHEMICAL- DRUGS & PHARMACEUTICALS	Ascorbic Acid	pH	IP Volume II
7	CHEMICAL- DRUGS & PHARMACEUTICALS	Drug Substance	Water Content	IP Volume I
8	CHEMICAL- DRUGS & PHARMACEUTICALS	Drugs & Pharmaceuticals	Identification (HPLC)	IP Volume I
9	CHEMICAL- DRUGS & PHARMACEUTICALS	Drugs & Pharmaceuticals	pH	IP Volume I
10	CHEMICAL- DRUGS & PHARMACEUTICALS	General Test (Raw Materials)	Residual Solvent	ARAPL-AMV-PROTOCOL-002
11	CHEMICAL- DRUGS & PHARMACEUTICALS	Pantaprazole Sodium	Assay (HPLC)	IP Volume IV
12	CHEMICAL- DRUGS & PHARMACEUTICALS	Pharmaceutical Aid (Raw material Except API)	Specific Optical Rotation	IP Volume I
13	CHEMICAL- DRUGS & PHARMACEUTICALS	Tabletose	Specific Optical Rotation	IP Volume III
14	CHEMICAL- DRUGS & PHARMACEUTICALS	Tabletose	Water Content	IP Volume III
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Acidity	IS 3025 (Part 22)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Acidity	APHA 23rd Ed. 2310 B



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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Aluminium	IS 3025 (Part 2)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Arsenic	IS 3025 (Part 2)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Barium	IS 3025 (Part 2)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Bismuth	IS 3025 (Part 2)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Boron	IS 3025 (Part 2)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Cadmium	IS 3025 (Part 2)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium	APHA 23rd Ed. 3500-Ca B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium Hardness	IS 3025 (Part 40)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium	IS 3025 (Part 2)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium	IS 3025 (Part 40)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chloride	APHA 23rd Ed. 4500-Cl B
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chloride	IS 3025 (Part 32)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chromium	IS 3025 (Part 2)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Cobalt	IS 3025 (Part 2)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Colour	APHA 23rd Ed. 2120 C
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Colour	IS 3025 (Part 4)
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Copper	IS 3025 (Part 2)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Free Chlorine	IS 3025 (Part 25)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Free Chlorine	APHA 23rd Ed. 4500-Cl B
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Gallium	IS 3025 (Part 2)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Indium	IS 3025 (Part 2)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Iron	IS 3025 (Part 2)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Lead	IS 3025 (Part 2)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Lithium	IS 3025 (Part 2)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium Hardness	IS 3025 (Part 46)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium	APHA 23rd Ed. 3500-Mg B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium	IS 3025 (Part 2)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium	IS 3025 (Part 46)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Manganese	IS 3025 (Part 2)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Mercury	IS 3025 (Part 2)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Nickel	IS 3025 (Part 2)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Nitrate	APHA 23rd Ed. 4500-NO <sub>3</sub> <sup>-</sup> B
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Odour	APHA 23rd Ed. 2150 A
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Odour	IS 3025 (Part 5)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Oil & Grease	APHA 23rd Ed. 5520 B
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Oil & Grease	IS 3025 (Part 39)



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57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Palladium	IS 3025 (Part 2)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Potassium	IS 3025 (Part 2)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Silver	IS 3025 (Part 2)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Sodium	IS 3025 (Part 2)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Strontium	IS 3025 (Part 2)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Sulphate	APHA 23rd Ed. 4500 SO42- E
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Taste	IS 3025 (Part 8)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Taste	APHA 23rd Ed. 2160
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Temperature	IS 3025 (Part 9)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Alkalinity	IS 3025 (Part 23)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Alkalinity	APHA 23rd Ed 2320 B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Hardness	IS 3025 (Part 21)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Hardness	APHA 23rd Ed. 2340 C
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Zinc	IS 3025 (Part 2)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Dissolved Oxygen	IS 3025 (Part 38)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Dissolved Oxygen	APHA 23rd Ed. 4500-O C
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Dissolved Solid	APHA 23rd Ed. 2540 C
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Dissolved Solid	IS 3025 (Part 16)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	pH	IS 3025 (Part 11)



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76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	pH	APHA 23rd Ed. 4500-H+ B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Temperature	APHA 23rd Ed. 2550 B
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Solid	APHA 23rd Ed. 2450 B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Solid	IS 3025 (Part 15)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Suspended Solid	APHA 23rd Ed. 2540 D
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Suspended Solid	IS 3025 Part 17)
82	CHEMICAL- WATER	Drinking Water	Acidity	APHA 23rd Ed. 2310 B
83	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (Part 22)
84	CHEMICAL- WATER	Drinking Water	Aluminium	IS 3025 (Part 2)
85	CHEMICAL- WATER	Drinking Water	Arsenic	IS 3025 (Part 2)
86	CHEMICAL- WATER	Drinking Water	Barium	IS 3025 (Part 2)
87	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
88	CHEMICAL- WATER	Drinking Water	Bismuth	IS 3025 (Part 2)
89	CHEMICAL- WATER	Drinking Water	Boron	IS 3025 (Part 2)
90	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 2)
91	CHEMICAL- WATER	Drinking Water	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
92	CHEMICAL- WATER	Drinking Water	Calcium Hardness	IS 3025 (Part 40)
93	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Ed. 3500-Ca B
94	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
95	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	IS 3025 (Part 58)
96	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
97	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
98	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Ed. 4500-Cl- B
99	CHEMICAL- WATER	Drinking Water	Chromium	IS 3025 (Part 2)
100	CHEMICAL- WATER	Drinking Water	Cobalt	IS 3025 (Part 2)
101	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Ed. 2120 C
102	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-10769 **Page No** 6 of 20

**Validity** 01/07/2022 to 30/06/2024 **Last Amended on** 03/08/2022

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
103	CHEMICAL- WATER	Drinking Water	Copper	IS 3025 (Part 2)
104	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part 38)
105	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
106	CHEMICAL- WATER	Drinking Water	Free Chlorine	IS 3025 (Part 25)
107	CHEMICAL- WATER	Drinking Water	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
108	CHEMICAL- WATER	Drinking Water	Free Chlorine	IS 3025 (Part 25)
109	CHEMICAL- WATER	Drinking Water	Gallium	IS 3025 (Part 2)
110	CHEMICAL- WATER	Drinking Water	Indium	IS 3025 (Part 2)
111	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part 2)
112	CHEMICAL- WATER	Drinking Water	Lead	IS 3025 (Part 2)
113	CHEMICAL- WATER	Drinking Water	Lithium	IS 3025 (Part 2)
114	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Ed. 3500-Mg B
115	CHEMICAL- WATER	Drinking Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
116	CHEMICAL- WATER	Drinking Water	Magnesium Hardness	IS 3025 (Part 46)
117	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
118	CHEMICAL- WATER	Drinking Water	Manganese	IS 3025 (Part 2)
119	CHEMICAL- WATER	Drinking Water	Nickel	IS 3025 (Part 2)
120	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 23rd ED 4500-NO3 <sup>-</sup> B
121	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
122	CHEMICAL- WATER	Drinking Water	Odour	APHA 23rd Ed. 2150 A
123	CHEMICAL- WATER	Drinking Water	Oil & Grease	IS 3025 (Part 39)
124	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Ed. 5520 B
125	CHEMICAL- WATER	Drinking Water	Palladium	IS 3025 (Part 2)
126	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
127	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Ed.4500-H+ B
128	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 (Part 2)
129	CHEMICAL- WATER	Drinking Water	Silver	IS 3025 (Part 2)
130	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (Part 2)
131	CHEMICAL- WATER	Drinking Water	Strontium	IS 3025 (Part 2)
132	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Ed. 4500-SO42- E



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133	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
134	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd Ed. 2160
135	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Ed. 2550 B
136	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
137	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
138	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA 23rd Ed. 2320 B
139	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 (Part 16)
140	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	APHA 23rd Ed. 2540 C
141	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
142	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Ed. 2340 C
143	CHEMICAL- WATER	Drinking Water	Total Solid	APHA 23rd Ed. 2450 B
144	CHEMICAL- WATER	Drinking Water	Total Solid	IS 3025 (Part 15)
145	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	IS 3025 (Part 17)
146	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	APHA 23rd Ed. 2540 D
147	CHEMICAL- WATER	Drinking Water	Zinc	IS 3025 (Part 2)
148	CHEMICAL- WATER	Ground Water	Acidity	IS 3025 (Part 22)
149	CHEMICAL- WATER	Ground Water	Acidity	APHA 23rd Ed. 2310 B
150	CHEMICAL- WATER	Ground Water	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
151	CHEMICAL- WATER	Ground Water	Calcium Hardness	IS 3025 (Part 40)
152	CHEMICAL- WATER	Ground Water	Calcium	APHA 23rd Ed. 3500-Ca B
153	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
154	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Ed. 4500-Cl- B
155	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
156	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Ed. 2120 C
157	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (Part 4)
158	CHEMICAL- WATER	Ground Water	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
159	CHEMICAL- WATER	Ground Water	Free Chlorine	IS 3025 (Part 25)
160	CHEMICAL- WATER	Ground Water	Magnesium Hardness	IS 3025 (Part 46)
161	CHEMICAL- WATER	Ground Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
162	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46)



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163	CHEMICAL- WATER	Ground Water	Magnesium	APHA 23rd Ed. 3500-Mg B
164	CHEMICAL- WATER	Ground Water	Nitrate	APHA 23rd Ed. 4500-NO3 <sup>-</sup> B
165	CHEMICAL- WATER	Ground Water	Odour	APHA 23rd Ed. 2150 A
166	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
167	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part 39)
168	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Ed. 4500-H+ B
169	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
170	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Ed. 4500-SO42- E
171	CHEMICAL- WATER	Ground Water	Taste	IS 3025 (Part 8)
172	CHEMICAL- WATER	Ground Water	Taste	APHA 23rd Ed. 2160
173	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part 9)
174	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Ed. 2550 B
175	CHEMICAL- WATER	Ground Water	Total Alkalinity	APHA 23rd Ed. 2320 B
176	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
177	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 23rd Ed. 2340 C
178	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38)
179	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
180	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	IS 3025 (Part 16)
181	CHEMICAL- WATER	Ground Water	Total Solid	APHA 23rd Ed. 2450 B
182	CHEMICAL- WATER	Ground Water	Total Solid	IS 3025 (Part 15)
183	CHEMICAL- WATER	Ground Water	Total Suspended Solid	IS 3025 (Part 17)
184	CHEMICAL- WATER	Ground Water	Total Suspended Solid	APHA 23rd Ed. 2540 D
185	CHEMICAL- WATER	Ground Water	Aluminium	IS 3025 (Part 2)
186	CHEMICAL- WATER	Ground Water	Arsenic	IS 3025 (Part 2)
187	CHEMICAL- WATER	Ground water	Barium	IS 3025 (Part 2)
188	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
189	CHEMICAL- WATER	Ground Water	Bismuth	IS 3025 (Part 2)
190	CHEMICAL- WATER	Ground Water	Boron	IS 3025 (Part 2)
191	CHEMICAL- WATER	Ground Water	Cadmium	IS 3025 (Part 2)
192	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 2)





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ACCURATE RESEARCH & ANALYTICAL PRIVATE LIMITED, PLOT NO. 33, VIBRANT BUSINESS PARK, NH NO. 48, GIDC, VAPI, VALSAD, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-10769	<b>Page No</b>	9 of 20
<b>Validity</b>	01/07/2022 to 30/06/2024	<b>Last Amended on</b>	03/08/2022

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
193	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 (Part 58)
194	CHEMICAL- WATER	Ground Water	Chromium	IS 3025 (Part 2)
195	CHEMICAL- WATER	Ground Water	Cobalt	IS 3025 (Part 2)
196	CHEMICAL- WATER	Ground Water	Copper	IS 3025 (Part 2)
197	CHEMICAL- WATER	Ground Water	Gallium	IS 3025 (Part 2)
198	CHEMICAL- WATER	Ground Water	Indium	IS 3025 (Part 2)
199	CHEMICAL- WATER	Ground Water	Iron	IS 3025 (Part 2)
200	CHEMICAL- WATER	Ground Water	Lead	IS 3025 (Part 2)
201	CHEMICAL- WATER	Ground Water	Lithium	IS 3025 (Part 2)
202	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 2)
203	CHEMICAL- WATER	Ground Water	Manganese	IS 3025 (Part 2)
204	CHEMICAL- WATER	Ground Water	Mercury	IS 3025 (Part 2)
205	CHEMICAL- WATER	Ground Water	Nickel	IS 3025 (Part 2)
206	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Ed. 5520 B
207	CHEMICAL- WATER	Ground Water	Palladium	IS 3025 (Part 2)
208	CHEMICAL- WATER	Ground Water	Potassium	IS 3025 (Part 2)
209	CHEMICAL- WATER	Ground Water	Silver	IS 3025 (Part 2)
210	CHEMICAL- WATER	Ground Water	Sodium	IS 3025 (Part 2)
211	CHEMICAL- WATER	Ground Water	Strontium	IS 3025 (Part 2)
212	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	APHA 23rd Ed. 2540 C
213	CHEMICAL- WATER	Ground Water	Zinc	IS 3025 (Part 2)
214	CHEMICAL- WATER	Industrial Water	Acidity	APHA 23rd Ed. 2310 B
215	CHEMICAL- WATER	Industrial Water	Acidity	IS 3025 (Part 22)
216	CHEMICAL- WATER	Industrial Water	Aluminium	IS 3025 (Part 2)
217	CHEMICAL- WATER	Industrial Water	Arsenic	IS 3025 (Part 2)
218	CHEMICAL- WATER	Industrial Water	Barium	IS 3025 (Part 2)
219	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
220	CHEMICAL- WATER	Industrial Water	Bismuth	IS 3025 (Part 2)
221	CHEMICAL- WATER	Industrial Water	Boron	IS 3025 (Part 2)
222	CHEMICAL- WATER	Industrial Water	Cadmium	IS 3025 (Part 2)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
223	CHEMICAL- WATER	Industrial Water	Calcium	IS 3025 (Part 2)
224	CHEMICAL- WATER	Industrial Water	Calcium Hardness	APHA 23rd Ed. 3500 Ca-B
225	CHEMICAL- WATER	Industrial Water	Calcium Hardness	IS 3025 (Part 40)
226	CHEMICAL- WATER	Industrial Water	Calcium	APHA 23rd Ed. 3500-Ca B
227	CHEMICAL- WATER	Industrial Water	Calcium	IS 3025 (Part 40)
228	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand	IS 3025 (Part 58)
229	CHEMICAL- WATER	Industrial Water	Chloride	APHA 23rd Ed. 4500-Cl- B
230	CHEMICAL- WATER	Industrial Water	Chloride	IS 3025 (Part 32)
231	CHEMICAL- WATER	Industrial Water	Chromium	IS 3025 (Part 2)
232	CHEMICAL- WATER	Industrial Water	Cobalt	IS 3025 (Part 2)
233	CHEMICAL- WATER	Industrial Water	Colour	APHA 23rd Ed. 2120-C
234	CHEMICAL- WATER	Industrial Water	Colour	IS 3025 (Part 4)
235	CHEMICAL- WATER	Industrial Water	Copper	IS 3025 (Part 2)
236	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	IS 3025 (Part 38)
237	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
238	CHEMICAL- WATER	Industrial Water	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
239	CHEMICAL- WATER	Industrial Water	Free Chlorine	IS 3025 (Part 25)
240	CHEMICAL- WATER	Industrial Water	Gallium	IS 3025 (Part 2)
241	CHEMICAL- WATER	Industrial Water	Indium	IS 3025 (Part 2)
242	CHEMICAL- WATER	Industrial Water	Iron	IS 3025 (Part 2)
243	CHEMICAL- WATER	Industrial Water	Lead	IS 3025 (Part 2)
244	CHEMICAL- WATER	Industrial Water	Lithium	IS 3025 (Part 2)
245	CHEMICAL- WATER	Industrial Water	Magnesium	IS 3025 (Part 2)
246	CHEMICAL- WATER	Industrial Water	Magnesium Hardness	IS 3025 (Part 46)
247	CHEMICAL- WATER	Industrial Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
248	CHEMICAL- WATER	Industrial Water	Magnesium	IS 3025 (Part 46)
249	CHEMICAL- WATER	Industrial Water	Magnesium	APHA 23rd Ed. 3500-Mg B
250	CHEMICAL- WATER	Industrial Water	Manganese	IS 3025 (Part 2)
251	CHEMICAL- WATER	Industrial Water	Mercury	IS 3025 (Part 2)
252	CHEMICAL- WATER	Industrial Water	Nickel	IS 3025 (Part 2)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
253	CHEMICAL- WATER	Industrial Water	Nitrate	APHA 23rd Ed. 4500-NO3` B
254	CHEMICAL- WATER	Industrial Water	Odour	APHA 23rd Ed. 2150 A
255	CHEMICAL- WATER	Industrial Water	Odour	IS 3025 (Part 5)
256	CHEMICAL- WATER	Industrial Water	Oil & Grease	APHA 23rd Ed. 5520 B
257	CHEMICAL- WATER	Industrial Water	Oil & Grease	IS 3025 (Part 39)
258	CHEMICAL- WATER	Industrial Water	Palladium	IS 3025 (Part 2)
259	CHEMICAL- WATER	Industrial Water	pH	APHA 23rd Ed. 4500-H+ B
260	CHEMICAL- WATER	Industrial Water	pH	IS 3025 (Part 11)
261	CHEMICAL- WATER	Industrial Water	Potassium	IS 3025 (Part 2)
262	CHEMICAL- WATER	Industrial Water	Silver	IS 3025 (Part 2)
263	CHEMICAL- WATER	Industrial Water	Sodium	IS 3025 (Part 2)
264	CHEMICAL- WATER	Industrial Water	Strontium	IS 3025 (Part 2)
265	CHEMICAL- WATER	Industrial Water	Sulphate	APHA 23rd Ed. 4500-SO42- E
266	CHEMICAL- WATER	Industrial Water	Taste	APHA 23rd Ed. 2160
267	CHEMICAL- WATER	Industrial Water	Taste	IS 3025 (Part 8)
268	CHEMICAL- WATER	Industrial Water	Temperature	IS 3025 (Part 9)
269	CHEMICAL- WATER	Industrial Water	Temperature	APHA 23rd Ed. 2550 B
270	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS 3025 (Part 23)
271	CHEMICAL- WATER	Industrial Water	Total Alkalinity	APHA 23rd Ed. 2320 B.
272	CHEMICAL- WATER	Industrial Water	Total Dissolved Solid	IS 3025 (Part 16)
273	CHEMICAL- WATER	Industrial Water	Total Dissolved Solid	APHA 23rd Ed. 2540 C
274	CHEMICAL- WATER	Industrial Water	Total Hardness	APHA 23rd Ed. 2340 C
275	CHEMICAL- WATER	Industrial Water	Total Hardness	IS 3025 (Part 21)
276	CHEMICAL- WATER	Industrial Water	Total Solid	APHA 23rd Ed. 2450 B
277	CHEMICAL- WATER	Industrial Water	Total Solid	IS 3025 (Part 15)
278	CHEMICAL- WATER	Industrial Water	Total Suspended Solid	APHA 23rd Ed. 2540 D
279	CHEMICAL- WATER	Industrial Water	Total Suspended Solid	IS 3025 (Part 17)
280	CHEMICAL- WATER	Industrial Water	Zinc	IS 3025 (Part 2)
281	CHEMICAL- WATER	Packaged Drinking Water	Nickel	IS 3025 (Part 2)
282	CHEMICAL- WATER	Packaged Drinking Water	Acidity	IS 3025 (Part 22)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
283	CHEMICAL- WATER	Packaged Drinking Water	Acidity	APHA 23rd Ed. 2310 B.
284	CHEMICAL- WATER	Packaged Drinking Water	Aluminium	IS 3025 (Part 2)
285	CHEMICAL- WATER	Packaged Drinking Water	Arsenic	IS 3025 (Part 2)
286	CHEMICAL- WATER	Packaged Drinking Water	Barium	IS 3025 (Part 2)
287	CHEMICAL- WATER	Packaged Drinking Water	Bismuth	IS 3025 (Part 2)
288	CHEMICAL- WATER	Packaged Drinking Water	Boron	IS 3025 (Part 2)
289	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS 3025 (Part 2)
290	CHEMICAL- WATER	Packaged Drinking Water	Calcium Hardness	IS 3025 (Part 40)
291	CHEMICAL- WATER	Packaged Drinking Water	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
292	CHEMICAL- WATER	Packaged Drinking Water	Calcium	APHA 23rd Ed. 3500-Ca B.
293	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS 3025 (Part 40)
294	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS 3025 (Part 32)
295	CHEMICAL- WATER	Packaged Drinking Water	Chloride	APHA 23rd Ed. 4500-Cl- B
296	CHEMICAL- WATER	Packaged Drinking Water	Chromium	IS 3025 (Part 2)
297	CHEMICAL- WATER	Packaged Drinking Water	Cobalt	IS 3025 (Part 2)
298	CHEMICAL- WATER	Packaged Drinking Water	Colour	APHA 23rd Ed. 2120 - C
299	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (Part 4)
300	CHEMICAL- WATER	Packaged Drinking Water	Copper	IS 3025 (Part 2)
301	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen	IS 3025 (Part 38)
302	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
303	CHEMICAL- WATER	Packaged Drinking Water	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
304	CHEMICAL- WATER	Packaged Drinking Water	Free Chlorine	IS 3025 (Part 25)
305	CHEMICAL- WATER	Packaged Drinking Water	Gallium	IS 3025 (Part 2)
306	CHEMICAL- WATER	Packaged Drinking Water	Indium	IS 3025 (Part 2)
307	CHEMICAL- WATER	Packaged Drinking Water	Iron	IS 3025 (Part 2)
308	CHEMICAL- WATER	Packaged Drinking Water	Lead	IS 3025 (Part 2)
309	CHEMICAL- WATER	Packaged Drinking Water	Lithium	IS 3025 (Part 2)
310	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	IS 3025 (Part 2)
311	CHEMICAL- WATER	Packaged Drinking Water	Magnesium Hardness	IS 3025 (Part 46)
312	CHEMICAL- WATER	Packaged Drinking Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
313	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	APHA 23rd Ed. 3500-Mg B
314	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	IS 3025 (Part 46)
315	CHEMICAL- WATER	Packaged Drinking Water	Manganese	IS 3025 (Part 2)
316	CHEMICAL- WATER	Packaged Drinking Water	Nickel	IS 3025 (Part 2)
317	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 23rd Ed. 4500-NO3` B
318	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
319	CHEMICAL- WATER	Packaged Drinking Water	Odour	APHA 23rd Ed. 2150 A
320	CHEMICAL- WATER	Packaged Drinking Water	Oil & Grease	APHA 23rd Ed. 5520 B
321	CHEMICAL- WATER	Packaged Drinking Water	Oil & Grease	IS 3025 (Part 39)
322	CHEMICAL- WATER	Packaged Drinking Water	Palladium	IS 3025 (Part 2)
323	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 23rd Ed. 4500-H+ B
324	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 (Part 11)
325	CHEMICAL- WATER	Packaged Drinking Water	Potassium	IS 3025 (Part 2)
326	CHEMICAL- WATER	Packaged Drinking Water	Silver	IS 3025 (Part 2)
327	CHEMICAL- WATER	Packaged Drinking Water	Sodium	IS 3025 (Part 2)
328	CHEMICAL- WATER	Packaged Drinking Water	Strontium	IS 3025 (Part 2)
329	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 23rd Ed. 4500 SO42- E
330	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 8)
331	CHEMICAL- WATER	Packaged Drinking Water	Taste	APHA 23rd Ed. 2160
332	CHEMICAL- WATER	Packaged Drinking Water	Temperature	APHA 23rd Ed. 2550 B
333	CHEMICAL- WATER	Packaged Drinking Water	Temperature	IS 3025 (Part 9)
334	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS 3025 (Part 23)
335	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	APHA 23rd Ed 2320-B
336	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solid	IS 3025 (Part 16)
337	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solid	APHA 23rd Ed. 2540 C
338	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	IS 3025 (Part 21)
339	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	APHA 23rd Ed. 2340 C
340	CHEMICAL- WATER	Packaged Drinking Water	Total Solid	APHA 23rd Ed. 2450 B
341	CHEMICAL- WATER	Packaged Drinking Water	Total Solid	IS 3025 (Part 15)
342	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended Solid	IS 3025 (Part 17)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
343	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended Solid	APHA 23rd Ed. 2540 D
344	CHEMICAL- WATER	Packaged Drinking Water	Zinc	IS 3025 (Part 2)
345	CHEMICAL- WATER	Packaged Natural Mineral Water	Free Chlorine	IS 3025 (Part 25)
346	CHEMICAL- WATER	Packaged Natural Mineral Water	Acidity	IS 3025 (Part 22)
347	CHEMICAL- WATER	Packaged Natural Mineral Water	Acidity	APHA 23rd Ed. 2310 B
348	CHEMICAL- WATER	Packaged Natural Mineral Water	Aluminium	IS 3025 (Part 2)
349	CHEMICAL- WATER	Packaged Natural Mineral Water	Arsenic	IS 3025 (Part 2)
350	CHEMICAL- WATER	Packaged Natural Mineral Water	Barium	IS 3025 (Part 2)
351	CHEMICAL- WATER	Packaged Natural Mineral Water	Bismuth	IS 3025 (Part 2)
352	CHEMICAL- WATER	Packaged Natural Mineral Water	Boron	IS 3025 (Part 2)
353	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium	IS 3025 (Part 2)
354	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
355	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium Hardness	IS 3025 (Part 40)
356	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium	APHA 23rd Ed. 3500 Ca-B
357	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium	IS 3025 (Part 40)
358	CHEMICAL- WATER	Packaged Natural Mineral Water	Chloride	APHA 23rd Ed. 4500-Cl- B
359	CHEMICAL- WATER	Packaged Natural Mineral Water	Chloride	IS 3025 (Part 32)
360	CHEMICAL- WATER	Packaged Natural Mineral Water	Chromium	IS 3025 (Part 2)
361	CHEMICAL- WATER	Packaged Natural Mineral Water	Cobalt	IS 3025 (Part 2)
362	CHEMICAL- WATER	Packaged Natural Mineral Water	Copper	IS 3025 (Part 2)
363	CHEMICAL- WATER	Packaged Natural Mineral Water	Dissolved Oxygen	IS 3025 (Part 38)
364	CHEMICAL- WATER	Packaged Natural Mineral Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
365	CHEMICAL- WATER	Packaged Natural Mineral Water	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
366	CHEMICAL- WATER	Packaged Natural Mineral Water	Gallium	IS 3025 (Part 2)
367	CHEMICAL- WATER	Packaged Natural Mineral Water	Indium	IS 3025 (Part 2)
368	CHEMICAL- WATER	Packaged Natural Mineral Water	Iron	IS 3025 (Part 2)
369	CHEMICAL- WATER	Packaged Natural Mineral Water	Lead	IS 3025 (Part 2)
370	CHEMICAL- WATER	Packaged Natural Mineral Water	Lithium	IS 3025 (Part 2)
371	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium	IS 3025 (Part 2)
372	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
373	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium Hardness	IS 3025 (Part 46)
374	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium	IS 3025 (Part 46)
375	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium	APHA 23rd Ed. 3500-Mg B
376	CHEMICAL- WATER	Packaged Natural Mineral Water	Manganese	IS 3025 (Part 2)
377	CHEMICAL- WATER	Packaged Natural Mineral Water	Nitrate	APHA 23rd Ed. 4500-NO3 <sup>-</sup> B
378	CHEMICAL- WATER	Packaged Natural Mineral Water	Odour	IS 3025 (Part 5)
379	CHEMICAL- WATER	Packaged Natural Mineral Water	Odour	APHA 23rd Ed. 2150 A
380	CHEMICAL- WATER	Packaged Natural Mineral Water	Oil & Grease	APHA 23rd Ed. 5520 B
381	CHEMICAL- WATER	Packaged Natural Mineral Water	Oil & Grease	IS 3025 (Part 39)
382	CHEMICAL- WATER	Packaged Natural Mineral Water	Palladium	IS 3025 (Part 2)
383	CHEMICAL- WATER	Packaged Natural Mineral Water	pH	APHA 23rd Ed.4500-H+ B
384	CHEMICAL- WATER	Packaged Natural Mineral Water	pH	IS 3025 (Part 11)
385	CHEMICAL- WATER	Packaged Natural Mineral Water	Potassium	IS 3025 (Part 2)
386	CHEMICAL- WATER	Packaged Natural Mineral Water	Silver	IS 3025 (Part 2)
387	CHEMICAL- WATER	Packaged Natural Mineral Water	Sodium	IS 3025 (Part 2)
388	CHEMICAL- WATER	Packaged Natural Mineral Water	Strontium	IS 3025 (Part 2)
389	CHEMICAL- WATER	Packaged Natural Mineral Water	Sulphate	APHA 23rd Ed. 4500 SO42- E
390	CHEMICAL- WATER	Packaged Natural Mineral Water	Taste	IS 3025 (Part 8)
391	CHEMICAL- WATER	Packaged Natural Mineral Water	Taste	APHA 23rd Ed. 2160
392	CHEMICAL- WATER	Packaged Natural Mineral Water	Temperature	APHA 23rd Ed. 2550 B
393	CHEMICAL- WATER	Packaged Natural Mineral Water	Temperature	IS 3025 (Part 9)
394	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Alkalinity	IS 3025 (Part 23)
395	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Alkalinity	APHA 23rd Ed 2320 B
396	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Dissolved Solid	IS 3025 (Part 16)
397	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Dissolved Solid	APHA 23rd Ed. 2540 C
398	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Hardness	APHA 23rd Ed. 2340 C
399	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Hardness	IS 3025 (Part 21)
400	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Solid	APHA 23rd Ed. 2450 B
401	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Solid	IS 3025 (Part 15)
402	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Suspended Solid	IS 3025 (Part 17)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
403	CHEMICAL- WATER	Packaged Natural Mineral Water	Total Suspended Solid	APHA 23rd Ed. 2540 D
404	CHEMICAL- WATER	Packaged Natural Mineral Water	Zinc	IS 3025 (Part 2)
405	CHEMICAL- WATER	Surface Water	Total Suspended Solid	IS 3025 (Part 17)
406	CHEMICAL- WATER	Surface Water	Acidity	IS 3025 (Part 22)
407	CHEMICAL- WATER	Surface Water	Acidity	APHA 23rd Ed 2310 B
408	CHEMICAL- WATER	Surface Water	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
409	CHEMICAL- WATER	Surface Water	Calcium Hardness	IS 3025 (Part 40)
410	CHEMICAL- WATER	Surface Water	Calcium	APHA 23rd Ed. 3500-Ca B
411	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40)
412	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Ed. 4500-Cl- B
413	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
414	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed. 2120 C
415	CHEMICAL- WATER	Surface Water	Colour	IS 3025 (Part 4)
416	CHEMICAL- WATER	Surface Water	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
417	CHEMICAL- WATER	Surface Water	Free Chlorine	IS 3025 (Part 25)
418	CHEMICAL- WATER	Surface Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
419	CHEMICAL- WATER	Surface Water	Magnesium Hardness	IS 3025 (Part 46)
420	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Ed. 3500-Mg B
421	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part 46)
422	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd Ed. 4500-NO <sub>3</sub> <sup>-</sup> B
423	CHEMICAL- WATER	Surface Water	Odour	APHA 23rd Ed. 2150 A
424	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
425	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Ed. 5520 B
426	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part 39)
427	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Ed. 4500-H+ B
428	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
429	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Ed. 4500-SO <sub>4</sub> <sup>2-</sup> E
430	CHEMICAL- WATER	Surface Water	Taste	APHA 23rd Ed. 2160
431	CHEMICAL- WATER	Surface Water	Taste	IS 3025 (Part 8)
432	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Ed. 2550 B





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ACCURATE RESEARCH & ANALYTICAL PRIVATE LIMITED, PLOT NO. 33, VIBRANT BUSINESS PARK, NH NO. 48, GIDC, VAPI, VALSAD, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-10769	<b>Page No</b>	17 of 20
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
433	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part 9)
434	CHEMICAL- WATER	Surface Water	Total Alkalinity	APHA 23rd Ed. 2320-B
435	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
436	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Ed. 2340 C
437	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part 21)
438	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
439	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
440	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	APHA 23rd Ed. 2540 C
441	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	IS 3025 (Part 16)
442	CHEMICAL- WATER	Surface Water	Total Solid	APHA 23rd Ed. 2450 B
443	CHEMICAL- WATER	Surface Water	Total Solid	IS 3025 (Part 15)
444	CHEMICAL- WATER	Surface Water	Total Suspended Solid	APHA 23rd Ed. 2540 D
445	CHEMICAL- WATER	Surface Water	Aluminium	IS 3025 (Part 2)
446	CHEMICAL- WATER	Surface Water	Arsenic	IS 3025 (Part 2)
447	CHEMICAL- WATER	Surface Water	Barium	IS 3025 (Part 2)
448	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
449	CHEMICAL- WATER	Surface Water	Bismuth	IS 3025 (Part 2)
450	CHEMICAL- WATER	Surface Water	Boron	IS 3025 (Part 2)
451	CHEMICAL- WATER	Surface Water	Cadmium	IS 3025 (Part 2)
452	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 2)
453	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 (Part 58)
454	CHEMICAL- WATER	Surface Water	Chromium	IS 3025 (Part 2)
455	CHEMICAL- WATER	Surface Water	Cobalt	IS 3025 (Part 2)
456	CHEMICAL- WATER	Surface Water	Copper	IS 3025 (Part 2)
457	CHEMICAL- WATER	Surface Water	Gallium	IS 3025 (Part 2)
458	CHEMICAL- WATER	Surface Water	Indium	IS 3025 (Part 2)
459	CHEMICAL- WATER	Surface Water	Iron	IS 3025 (Part 2)
460	CHEMICAL- WATER	Surface Water	Lead	IS 3025 (Part 2)
461	CHEMICAL- WATER	Surface Water	Lithium	IS 3025 (Part 2)
462	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Ed. 3500-Mg B



# National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
463	CHEMICAL- WATER	Surface Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
464	CHEMICAL- WATER	Surface Water	Manganese	IS 3025 (Part 2)
465	CHEMICAL- WATER	Surface Water	Mercury	IS 3025 (Part 2)
466	CHEMICAL- WATER	Surface Water	Nickel	IS 3025 (Part 2)
467	CHEMICAL- WATER	Surface Water	Palladium	IS 3025 (Part 2)
468	CHEMICAL- WATER	Surface Water	Potassium	IS 3025 (Part 2)
469	CHEMICAL- WATER	Surface Water	Silver	IS 3025 (Part 2)
470	CHEMICAL- WATER	Surface Water	Sodium	IS 3025 (Part 2)
471	CHEMICAL- WATER	Surface Water	Strontium	IS 3025 (Part 2)
472	CHEMICAL- WATER	Surface Water	Zinc	IS 3025 (Part 2)
473	CHEMICAL- WATER	Water from Water Purifiers	Acidity	IS 3025 (Part 22)
474	CHEMICAL- WATER	Water from Water Purifiers	Acidity	APHA 23rd Ed 2310 B
475	CHEMICAL- WATER	Water from Water Purifiers	Aluminium	IS 3025 (Part 2)
476	CHEMICAL- WATER	Water from Water Purifiers	Arsenic	IS 3025 (Part 2)
477	CHEMICAL- WATER	Water from Water Purifiers	Barium	IS 3025 (Part 2)
478	CHEMICAL- WATER	Water from Water Purifiers	Bismuth	IS 3025 (Part 2)
479	CHEMICAL- WATER	Water from Water Purifiers	Boron	IS 3025 (Part 2)
480	CHEMICAL- WATER	Water from Water Purifiers	Cadmium	IS 3025 (Part 2)
481	CHEMICAL- WATER	Water from Water Purifiers	Calcium	IS 3025 (Part 2)
482	CHEMICAL- WATER	Water from Water Purifiers	Calcium Hardness	APHA 23rd Ed. 3500-Ca B
483	CHEMICAL- WATER	Water from Water Purifiers	Calcium Hardness	IS 3025 (Part 40)
484	CHEMICAL- WATER	Water from Water Purifiers	Calcium	APHA 23rd Ed. 3500-Ca B
485	CHEMICAL- WATER	Water from Water Purifiers	Calcium	IS 3025 (Part 40)
486	CHEMICAL- WATER	Water from Water Purifiers	Chloride	APHA 23rd Ed. 4500-Cl- B
487	CHEMICAL- WATER	Water from Water Purifiers	Chloride	IS 3025 (Part 32)
488	CHEMICAL- WATER	Water from Water Purifiers	Chromium	IS 3025 (Part 2)
489	CHEMICAL- WATER	Water from Water Purifiers	Cobalt	IS 3025 (Part 2)
490	CHEMICAL- WATER	Water from Water Purifiers	Colour	APHA 23rd Ed. 2120 C
491	CHEMICAL- WATER	Water from Water Purifiers	Colour	IS 3025 (Part 4)
492	CHEMICAL- WATER	Water from Water Purifiers	Copper	IS 3025 (Part 2)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ACCURATE RESEARCH & ANALYTICAL PRIVATE LIMITED, PLOT NO. 33, VIBRANT BUSINESS PARK, NH NO. 48, GIDC, VAPI, VALSAD, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
493	CHEMICAL- WATER	Water from Water Purifiers	Dissolved Oxygen	IS 3025 (Part 38)
494	CHEMICAL- WATER	Water from Water Purifiers	Dissolved Oxygen	APHA 23rd Ed. 4500 O-C
495	CHEMICAL- WATER	Water from Water Purifiers	Free Chlorine	APHA 23rd Ed. 4500-Cl- B
496	CHEMICAL- WATER	Water from Water Purifiers	Free Chlorine	IS 3025 (Part 25)
497	CHEMICAL- WATER	Water from Water Purifiers	Gallium	IS 3025 (Part 2)
498	CHEMICAL- WATER	Water from Water Purifiers	Indium	IS 3025 (Part 2)
499	CHEMICAL- WATER	Water from Water Purifiers	Iron	IS 3025 (Part 2)
500	CHEMICAL- WATER	Water from Water Purifiers	Lead	IS 3025 (Part 2)
501	CHEMICAL- WATER	Water from Water Purifiers	Lithium	IS 3025 (Part 2)
502	CHEMICAL- WATER	Water from Water Purifiers	Magnesium	IS 3025 (Part 2)
503	CHEMICAL- WATER	Water from Water Purifiers	Magnesium Hardness	IS 3025 (Part 46)
504	CHEMICAL- WATER	Water from Water Purifiers	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B
505	CHEMICAL- WATER	Water from Water Purifiers	Magnesium	IS 3025 (Part 46)
506	CHEMICAL- WATER	Water from Water Purifiers	Magnesium	APHA 23rd Ed. 3500-Mg B
507	CHEMICAL- WATER	Water from Water Purifiers	Manganese	IS 3025 (Part 2)
508	CHEMICAL- WATER	Water from Water Purifiers	Mercury	IS 3025 (Part 2)
509	CHEMICAL- WATER	Water from Water Purifiers	Nickel	IS 3025 (Part 2)
510	CHEMICAL- WATER	Water from Water Purifiers	Nitrate	APHA 23rd Ed. 4500-NO <sub>3</sub> <sup>-</sup> B
511	CHEMICAL- WATER	Water from Water Purifiers	Odour	APHA 23rd Ed. 2150 A
512	CHEMICAL- WATER	Water from Water Purifiers	Odour	IS 3025 (Part 5)
513	CHEMICAL- WATER	Water from Water Purifiers	Oil & Grease	APHA 23rd Ed. 5520 B
514	CHEMICAL- WATER	Water from Water Purifiers	Oil & Grease	IS 3025 (Part 39)
515	CHEMICAL- WATER	Water from Water Purifiers	Palladium	IS 3025 (Part 2)
516	CHEMICAL- WATER	Water from Water Purifiers	pH	APHA 23rd Ed.4500-H+ B
517	CHEMICAL- WATER	Water from Water Purifiers	pH	IS 3025 (Part 11)
518	CHEMICAL- WATER	Water from Water Purifiers	Potassium	IS 3025 (Part 2)
519	CHEMICAL- WATER	Water from Water Purifiers	Silver	IS 3025 (Part 2)
520	CHEMICAL- WATER	Water from Water Purifiers	Sodium	IS 3025 (Part 2)
521	CHEMICAL- WATER	Water from Water Purifiers	Strontium	IS 3025 (Part 2)
522	CHEMICAL- WATER	Water from Water Purifiers	Sulphate	APHA 23rd Ed. 4500-SO42- E



# National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
523	CHEMICAL- WATER	Water from Water Purifiers	Taste	IS 3025 (Part 8)
524	CHEMICAL- WATER	Water from Water Purifiers	Taste	APHA 23rd Ed. 2160
525	CHEMICAL- WATER	Water from Water Purifiers	Temperature	APHA 23rd Ed. 2550 B
526	CHEMICAL- WATER	Water from Water Purifiers	Temperature	IS 3025 (Part 9)
527	CHEMICAL- WATER	Water from Water Purifiers	Total Alkalinity	IS 3025 (Part 23)
528	CHEMICAL- WATER	Water from Water Purifiers	Total Alkalinity	APHA 23rd Ed 2320-B
529	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solid	IS 3025 (Part 16)
530	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solid	APHA 23rd Ed. 2540 C
531	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness	IS 3025 (Part 21)
532	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness	APHA 23rd Ed. 2340 C
533	CHEMICAL- WATER	Water from Water Purifiers	Total Solid	APHA 23rd Ed. 2450 B
534	CHEMICAL- WATER	Water from Water Purifiers	Total Solid	IS 3025 (Part 15)
535	CHEMICAL- WATER	Water from Water Purifiers	Total Suspended Solid	IS 3025 (Part 17)
536	CHEMICAL- WATER	Water from Water Purifiers	Total Suspended Solid	APHA 23rd Ed. 2540 D
537	CHEMICAL- WATER	Water from Water Purifiers	Zinc	IS 3025 (Part 2)

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.