National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 1 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	CPCB Guideline Vol-1
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part 9)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 10)	IS 5182 (Part 23)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	CPCB Guideline Vol-1
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Metrological Parameter)	Barometric Pressure	GGMPL/SOP/MP/01 Issue no.01/Issue date-01.04.2022
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Metrological Parameter)	Rainfall	GMPL/SOP/MP/01 Issue no.01/Issue date-01.04.2022
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Metrological Parameter)	Relative Humidity	GMPL/SOP/MP/01 Issue no.01/Issue date-01.04.2022
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Metrological Parameter)	Temperature	GMPL/SOP/MP/01 Issue no.01/Issue date-01.04.2022
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air (Metrological Parameter)	Wind Direction	GMPL/SOP/MP/01 Issue no.01/Issue date-01.04.2022
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air (Metrological Parameter)	Wind Speed	GMPL/SOP/MP/01 Issue no.01/Issue date-01.04.2022
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - L10	IS 9989
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - L50	IS 9989
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - L90	IS 9989
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - Ld	IS 9989
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - Ldn	IS 9989
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - Leq	IS 9989

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 2 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - Lmax	IS 9989
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - Lmin	IS 9989
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise Level - Ln	IS 9989
22	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Ammonia (NH3)	CPCB Guideline Vol-1
23	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Oxides of Nitrogen	IS 5182 (Part 6)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Ozone	IS 5182 (Part 9)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Noise Level - Leq	IS 4758
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	GGMPL/SOP/SEA/01 Issue no.-01/Issue date-01.04.2022
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide	GGMPL/SOP/SEA/01 Issue no.-01/Issue date-01.04.2022
29	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 (Part 3)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Moisture	IS 11255 (Part 3)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	GGMPL/SOP/SEA/01 Issue No. 01. 01.04.2022
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen - Phenoldisulphonic acid	IS 11255 (Part 7)
33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen	GGMPL/SOP/SEA/01 Issue no.-01/Issue date-01.04.2022
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter - Gravimetric method	IS 11255 (Part 1)
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxides	GGMPL/SOP/SEA/01 Issue no.-01/Issue date-01.04.2022
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxides - IPA thorin method	IS 11255 (Part 2)
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	GGMPL/SOP/SEA/01 Issue no.-01/Issue date-01.04.2022

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 3 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature (By Digital Thermo-Couple)	IS 11255 (Part 3)
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Velocity	IS 11255 (Part 3)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ammonia	CPCB Guideline Vol-1
41	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Oxides of Nitrogen	IS 5182 (Part 6)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ozone	IS 5182 (Part 9)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Workplace Air/ Indoor Air/ Workzone Air" (Illumination)	Light	GMPL/SOP/IM/01 Issue no.01/Issue date-01.04.2022
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Acidity as CaCO3	IS 3025 (Part 22)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Alkalinity as CaCO3	IS 3025 (Part 23)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Ammonia (as Total Ammonia-N) - Nesslerization method	IS 3025 (Part 34)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Bicarbonates	IS 3025 (Part 23)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Carbonates	IS 3025 (Part 23)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025 (Part 44)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Boron - Curcumin method	APHA 23rd Edition (4500 B B)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Calcium as Ca - EDTA method	IS 3025 (Part 40)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Calcium Hardness as CaCO3	IS 3025 (Part 40)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Chloride as Cl - Argentometric method	IS 3025 (Part 32)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 4 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Colour - Platinum Cobalt Method	IS 3025 (Part 4)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Electrical Conductivity - Specific Conductance	IS 3025 (Part 14)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Iron (as Fe) - Phenanthroline method	APHA 23rd Edition (3500 Fe B)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Magnesium as Mg - Calculation Method	APHA-23rd Edition (3500 Mg E)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Magnesium Hardness as CaCO3 - Calculation Method	APHA-23rd Edition (3500 Mg E)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Nitrate	IS 3025 (Part 34)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Odour	IS 3025 (Part 5)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Phenolic Compounds - 4 - Aminoantipyrine Method with Chloroform Extraction	IS 3025 (Part 43)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Residual Chlorine - Iodometric Method	APHA 23rd Edition (4500 Cl B)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Salinity - Electrical Conductivity Method	APHA 23rd Edition (2520 B)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Silica - Molybdosilicate Method	IS 3025 (Part 35)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Sulphate as SO4 - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 5 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Temperature	APHA 23rd Edition (2550 B)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Total Dissolved Solids (TDS)	APHA 23rd Edition (2540 C)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Total Kjeldhal Nitrogen - Titrimetric Method	IS 3025 (Part 34)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Total Solids	APHA 23rd Edition (2540 B)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Total Suspended Solids (TSS)	APHA 23rd Edition (2540 D)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluent Water/Sewage Water	Turbidity	IS 3025 (Part 10)
83	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025 (Part 22)
84	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	IS 3025 (Part 23)
85	CHEMICAL- WATER	Drinking Water	Ammonia (as Total Ammonia-N) - Nesslerization Method	IS 3025 (Part 34)
86	CHEMICAL- WATER	Drinking Water	Bicarbonate	IS 3025 (Part 23)
87	CHEMICAL- WATER	Drinking Water	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
88	CHEMICAL- WATER	Drinking Water	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025 (Part 44)
89	CHEMICAL- WATER	Drinking Water	Boron - Curcumin Method	APHA 23rd Edition (4500 B B)
90	CHEMICAL- WATER	Drinking Water	Calcium as Ca - EDTA Method	IS 3025 (Part 40)
91	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3 - EDTA Method	IS 3025 (Part 40)
92	CHEMICAL- WATER	Drinking Water	Carbonates	IS 3025 (Part 23)
93	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
94	CHEMICAL- WATER	Drinking Water	Chloride as Cl - Argentometric Method	IS 3025 (Part 32)
95	CHEMICAL- WATER	Drinking Water	Colour - Platinum Cobalt Method	IS 3025 (Part 4)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 6 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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96	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
97	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
98	CHEMICAL- WATER	Drinking Water	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
99	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
100	CHEMICAL- WATER	Drinking Water	Iron as (Fe)	APHA 23rd Edition (3500 Fe B)
101	CHEMICAL- WATER	Drinking Water	Magnesium as Mg - Calculation Method	APHA 23rd Edition (3500 Mg E)
102	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3 - Calculation Method	APHA 23rd Edition (3500 Mg E)
103	CHEMICAL- WATER	Drinking Water	Mineral Oil - Partition Gravimetric Method	IS 3025 (Part 39)
104	CHEMICAL- WATER	Drinking Water	Nitrate - Chromotropic Acid Method	IS 3025 (Part 34)
105	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
106	CHEMICAL- WATER	Drinking Water	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
107	CHEMICAL- WATER	Drinking Water	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)
108	CHEMICAL- WATER	Drinking Water	Phenolic Compounds - 4 - Aminoantipyrine Method with Chloroform Extraction	IS 3025 (Part 43)
109	CHEMICAL- WATER	Drinking Water	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
110	CHEMICAL- WATER	Drinking Water	Residual Chlorine - Iodometric Method I	APHA 23rd Edition (4500 Cl B)
111	CHEMICAL- WATER	Drinking Water	Salinity - Electrical Conductivity Method	APHA 23rd Edition (2520 B)
112	CHEMICAL- WATER	Drinking Water	Silica - Molybdosilicate Method	IS 3025 (Part 35)
113	CHEMICAL- WATER	Drinking Water	Sulphate - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)
114	CHEMICAL- WATER	Drinking Water	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
115	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7 and 8)
116	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition (2550 B)
117	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition (2540 C)

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 7 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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118	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
119	CHEMICAL- WATER	Drinking Water	Total Kjeldhal Nitrogen - Titrimetric Method	IS 3025 (Part 34)
120	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Edition (2540 B)
121	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition (2540 D)
122	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
123	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	IS 3025 (Part 22)
124	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	IS 3025 (Part 23)
125	CHEMICAL- WATER	Ground Water	Ammonia (as Total Ammonia-N) - Nesslerization Method	IS 3025 (Part 34)
126	CHEMICAL- WATER	Ground Water	Bicarbonates	IS 3025 (Part 23)
127	CHEMICAL- WATER	Ground Water	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
128	CHEMICAL- WATER	Ground water	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025 (Part 44)
129	CHEMICAL- WATER	Ground Water	Boron - Curcumin Method	APHA 23rd Edition (4500 B B)
130	CHEMICAL- WATER	Ground Water	Calcium as Ca - EDTA Method	IS 3025 (Part 40)
131	CHEMICAL- WATER	Ground Water	Calcium Hardness as CaCO3 - EDTA Method	IS 3025 (Part 40)
132	CHEMICAL- WATER	Ground Water	Carbonates	IS 3025 (Part 23)
133	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
134	CHEMICAL- WATER	Ground Water	Chloride as Cl - Argentometric Method	IS 3025 (Part 32)
135	CHEMICAL- WATER	Ground Water	Colour - Platinum Cobalt Method	IS 3025 (Part 4)
136	CHEMICAL- WATER	Ground Water	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
137	CHEMICAL- WATER	Ground Water	Electrical Conductivity - Specific Conductance	IS 3025 (Part 14)
138	CHEMICAL- WATER	Ground Water	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
139	CHEMICAL- WATER	Ground Water	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
140	CHEMICAL- WATER	Ground Water	Iron (as Fe) - Phenanthroline Method	APHA 23rd Edition (3500 Fe B)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 8 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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141	CHEMICAL- WATER	Ground Water	Magnesium as Mg - Calculation Method	APHA 23rd Edition (3500 Mg B)
142	CHEMICAL- WATER	Ground Water	Magnesium Hardness as CaCO3 - Calculation Method	APHA 23rd Edition (3500 Mg B)
143	CHEMICAL- WATER	Ground Water	Mineral Oil - Partition Gravimetric Method	IS 3025 (Part 39)
144	CHEMICAL- WATER	Ground Water	Nitrate - Chromotropic acid Method	IS 3025 (Part 34)
145	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
146	CHEMICAL- WATER	Ground Water	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
147	CHEMICAL- WATER	Ground Water	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)
148	CHEMICAL- WATER	Ground Water	Phenolic Compounds - 4 - Aminoantipyrine Method with Chloroform Extraction	IS 3025 (Part 43)
149	CHEMICAL- WATER	Ground Water	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
150	CHEMICAL- WATER	Ground Water	Residual Chlorine - Iodometric Method	APHA 23rd Edition (4500 Cl B)
151	CHEMICAL- WATER	Ground Water	Salinity - Electrical Conductivity Method	APHA 23rd Edition (2520 B)
152	CHEMICAL- WATER	Ground Water	Silica - Molybdosilicate Method	IS 3025 (Part 35)
153	CHEMICAL- WATER	Ground Water	Sulphate - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)
154	CHEMICAL- WATER	Ground Water	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
155	CHEMICAL- WATER	Ground Water	Taste	IS 3025 (Part 7 and 8)
156	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition (2550 B)
157	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA 23rd Edition (2540 C)
158	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
159	CHEMICAL- WATER	Ground Water	Total Kjeldhal Nitrogen - Titrimetric Method	IS 3025 (Part 34)
160	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Edition (2540 B)
161	CHEMICAL- WATER	Ground Water	Total Suspended Solids (TSS)	APHA 23rd Edition (2540 D)
162	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 9 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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163	CHEMICAL- WATER	Industrial Water	Acidity as CaCO3	IS 3025 (Part 22)
164	CHEMICAL- WATER	Industrial Water	Alkalinity as CaCO3	IS 3025 (Part 23)
165	CHEMICAL- WATER	Industrial Water	Ammonia (as Total Ammonia-N) - Nesslerization Method	IS 3025 (Part 34)
166	CHEMICAL- WATER	Industrial Water	Bicarbonates	IS 3025(Part 23)
167	CHEMICAL- WATER	Industrial Water	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
168	CHEMICAL- WATER	Industrial Water	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025 (Part 44)
169	CHEMICAL- WATER	Industrial Water	Boron - Curcumin Method	APHA 23rd Edition (4500 B B)
170	CHEMICAL- WATER	Industrial Water	Calcium as Ca - Calculation Method	IS 3025 (Part 40)
171	CHEMICAL- WATER	Industrial Water	Calcium Hardness as CaCO3 - Calculation Method	IS 3025 (Part 40)
172	CHEMICAL- WATER	Industrial Water	Carbonates	IS 3025(Part 23)
173	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025(Part 58)
174	CHEMICAL- WATER	Industrial Water	Chloride as Cl - Argentometric Method	IS 3025 (Part 32)
175	CHEMICAL- WATER	Industrial Water	Colour - Platinum Cobalt Method	IS 3025 (Part 4)
176	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
177	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (Part 14)
178	CHEMICAL- WATER	Industrial Water	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
179	CHEMICAL- WATER	Industrial Water	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
180	CHEMICAL- WATER	Industrial Water	Iron (as Fe) - Phenanthroline Method	APHA 23rd Edition (3500 Fe B)
181	CHEMICAL- WATER	Industrial Water	Magnesium as Mg - Calculation Method	APHA 23rd Edition (3500 Mg B)
182	CHEMICAL- WATER	Industrial Water	Magnesium Hardness as CaCO3 - Calculation Method	APHA 23rd Edition (3500 Mg B)
183	CHEMICAL- WATER	Industrial Water	Mineral Oil - Partition Gravimetric Method	IS 3025 (Part 39)

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 10 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
184	CHEMICAL- WATER	Industrial Water	Nitrate - Chromotropic acid Method	IS 3025 (Part 34)
185	CHEMICAL- WATER	Industrial Water	Odour	IS 3025 (Part 5)
186	CHEMICAL- WATER	Industrial Water	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
187	CHEMICAL- WATER	Industrial Water	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)
188	CHEMICAL- WATER	Industrial Water	Phenolic Compounds - 4 - Aminoantipyrine Method with Chloroform Extraction	IS 3025 (Part 43)
189	CHEMICAL- WATER	Industrial Water	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
190	CHEMICAL- WATER	Industrial Water	Residual Chlorine - Iodometric Method	APHA 23rd Edition (4500 Cl B)
191	CHEMICAL- WATER	Industrial Water	Salinity - Electrical Conductivity Method	APHA 23rd Edition (2520 B)
192	CHEMICAL- WATER	Industrial Water	Silica - Molybdosilicate Method	IS 3025 (Part 35)
193	CHEMICAL- WATER	Industrial Water	Sulphate - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)
194	CHEMICAL- WATER	Industrial Water	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
195	CHEMICAL- WATER	Industrial Water	Temperature	APHA 23rd Edition (2550 B)
196	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids (TDS)	APHA 23rd Edition (2540 C)
197	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
198	CHEMICAL- WATER	Industrial Water	Total Kjeldhal Nitrogen - Titrimetric Method	IS 3025 (Part 34)
199	CHEMICAL- WATER	Industrial Water	Total Solids	APHA 23rd Edition (2540 B)
200	CHEMICAL- WATER	Industrial Water	Total Suspended Solids (TSS)	APHA 23rd Edition (2540 D)
201	CHEMICAL- WATER	Industrial Water	Turbidity - Nephelometric Method	IS 3025 (Part 10)
202	CHEMICAL- WATER	Packaged Drinking Water	Acidity as CaCO3	IS 3025 (Part 22)
203	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity as CaCO3	IS 3025 (Part 23)
204	CHEMICAL- WATER	Packaged Drinking Water	Ammonia (as Total Ammonia-N) - Nesslerization Method	IS 3025 (Part 34)
205	CHEMICAL- WATER	Packaged Drinking Water	Bicarbonates	IS 3025 (Part 23)

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 11 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
206	CHEMICAL- WATER	Packaged Drinking Water	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
207	CHEMICAL- WATER	Packaged Drinking Water	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025 (Part 44)
208	CHEMICAL- WATER	Packaged Drinking Water	Boron - Curcumin Method	APHA 23rd Edition (4500 B B)
209	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca - EDTA Method	IS 3025 (Part 40)
210	CHEMICAL- WATER	Packaged Drinking Water	Calcium Hardness as CaCO3 - EDTA Method	IS 3025 (Part 40)
211	CHEMICAL- WATER	Packaged Drinking Water	Carbonates	IS 3025 (Part 23)
212	CHEMICAL- WATER	Packaged Drinking Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
213	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl - Argentometric Method	IS 3025 (Part 32)
214	CHEMICAL- WATER	Packaged Drinking Water	Colour - Platinum Cobalt Method	IS 3025 (Part 4)
215	CHEMICAL- WATER	Packaged Drinking Water	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
216	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
217	CHEMICAL- WATER	Packaged Drinking Water	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
218	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
219	CHEMICAL- WATER	Packaged Drinking Water	Iron (as Fe) - Phenanthroline Method	APHA 23rd Edition (3500 Fe B)
220	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg - Calculation Method	APHA 23rd Edition (3500 Mg B)
221	CHEMICAL- WATER	Packaged Drinking Water	Magnesium Hardness as CaCO3 - Calculation Method	APHA 23rd Edition (3500 Mg B)
222	CHEMICAL- WATER	Packaged Drinking Water	Mineral Oil - Partition Gravimetric Method	IS 3025 (Part 39)
223	CHEMICAL- WATER	Packaged Drinking Water	Nitrate - Chromotropic acid Method	IS 3025 (Part 34)
224	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
225	CHEMICAL- WATER	Packaged Drinking Water	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
226	CHEMICAL- WATER	Packaged Drinking Water	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 12 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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
227	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compounds - 4 - Aminoantipyrine Method with Chloroform Extraction	IS 3025 (Part 43)
228	CHEMICAL- WATER	Packaged Drinking Water	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
229	CHEMICAL- WATER	Packaged Drinking Water	Residual Chlorine - Iodometric Method	APHA 23rd Edition (4500 Cl B)
230	CHEMICAL- WATER	Packaged Drinking Water	Salinity - Electrical Conductivity Method	APHA 23rd Edition (2520 B)
231	CHEMICAL- WATER	Packaged Drinking Water	Silica - Molybdosilicate Method	IS 3025 (Part 35)
232	CHEMICAL- WATER	Packaged Drinking Water	Sulphate - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)
233	CHEMICAL- WATER	Packaged Drinking Water	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
234	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 7 and 8)
235	CHEMICAL- WATER	Packaged Drinking Water	Temperature	APHA 23rd Edition (2550 B)
236	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition (2540 C)
237	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
238	CHEMICAL- WATER	Packaged Drinking Water	Total Kjeldhal Nitrogen - Titrimetric Method	IS 3025 (Part 34)
239	CHEMICAL- WATER	Packaged Drinking Water	Total Solids	APHA 23rd Edition (2540 B)
240	CHEMICAL- WATER	Packaged Drinking Water	Total Suspended Solids (TSS)	APHA 23rd Edition (2540 D)
241	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
242	CHEMICAL- WATER	Surface water	Acidity	IS 3025(Part 22)
243	CHEMICAL- WATER	Surface Water	Alkalinity	IS 3025(Part 23)
244	CHEMICAL- WATER	Surface Water	Ammonia (as Total Ammonia-N) - Nesslerization Method	IS 3025 (Part 34)
245	CHEMICAL- WATER	Surface water	Bicarbonates	IS 3025(Part 23)
246	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
247	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025 (Part 44)
248	CHEMICAL- WATER	Surface Water	Boron - Curcumin Method	APHA 23rd Edition (4500 B B)
249	CHEMICAL- WATER	Surface Water	Calcium as Ca - EDTA Method	IS 3025 (Part 40)

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 13 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

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
250	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3 - EDTA Method	IS 3025 (Part 40)
251	CHEMICAL- WATER	Surface Water	Carbonates	IS 3025(Part 23)
252	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
253	CHEMICAL- WATER	Surface Water	Chloride as Cl - Argentometric Method	IS 3025 (Part 32)
254	CHEMICAL- WATER	Surface Water	Colour - Platinum Cobalt Method	IS 3025 (Part 4)
255	CHEMICAL- WATER	Surface Water	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
256	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part 14)
257	CHEMICAL- WATER	Surface Water	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
258	CHEMICAL- WATER	Surface Water	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
259	CHEMICAL- WATER	Surface Water	Iron (as Fe) - Phenanthroline Method	APHA 23rd Edition (3500 Fe B)
260	CHEMICAL- WATER	Surface Water	Magnesium as Mg - Calculation Method	APHA 23rd Edition (3500 Mg B)
261	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3 - Calculation Method	APHA 23rd Edition (3500 Mg B)
262	CHEMICAL- WATER	Surface Water	Mineral Oil - Partition Gravimetric Method	IS 3025 (Part 39)
263	CHEMICAL- WATER	Surface Water	Nitrate - Chromotropic acid Method	IS 3025 (Part 34)
264	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
265	CHEMICAL- WATER	Surface Water	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
266	CHEMICAL- WATER	Surface Water	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)
267	CHEMICAL- WATER	Surface Water	Phenolic Compound	IS 3025 (Part 43) - 4 - Aminoantipyrine Method with Chloroform Extraction
268	CHEMICAL- WATER	Surface Water	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
269	CHEMICAL- WATER	Surface Water	Residual Chlorine - Iodometric Method	APHA 23rd Edition (4500 Cl B)

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 14 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
270	CHEMICAL- WATER	Surface Water	Salinity - Electrical Conductivity Method	APHA 23rd Edition (2520 B)
271	CHEMICAL- WATER	Surface Water	Silica - Molybdosilicate Method	IS 3025 (Part 35)
272	CHEMICAL- WATER	Surface Water	Sulphate - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)
273	CHEMICAL- WATER	Surface Water	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
274	CHEMICAL- WATER	Surface Water	Taste	IS 3025 (Part 7 and 8)
275	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition (2550 B)
276	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	APHA 23rd Edition (2540 C)
277	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
278	CHEMICAL- WATER	Surface Water	Total Kjeldhal Nitrogen - Titrimetric Method	IS 3025 (Part 34)
279	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition (2540 B)
280	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	APHA 23rd Edition (2540 D)
281	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
282	CHEMICAL- WATER	Water from Water Purifiers	Acidity as CaCO3	IS 3025 (Part 22)
283	CHEMICAL- WATER	Water from Water Purifiers	Alkalinity as CaCO3	IS 3025 (Part 23)
284	CHEMICAL- WATER	Water from Water Purifiers	Ammonia (as Total Ammonia - N) - Nesslerization Method	IS 3025 (Part 34)
285	CHEMICAL- WATER	Water from Water Purifiers	Bicarbonate	IS 3025(Part 23)
286	CHEMICAL- WATER	Water from Water Purifiers	Biological Oxygen Demand (BOD at 20 oC for 5 days)	IS 3025 (Part 44)
287	CHEMICAL- WATER	Water from Water Purifiers	Biological Oxygen Demand (BOD at 27 oC for 3 days)	IS 3025(Part 44)
288	CHEMICAL- WATER	Water from Water Purifiers	Boron - Curcumin Method	APHA 23rd Edition (4500 B B)
289	CHEMICAL- WATER	Water from Water Purifiers	Calcium as Ca - EDTA Method	IS 3025 (Part 40)
290	CHEMICAL- WATER	Water from Water Purifiers	Calcium Hardness as CaCO3 - EDTA Method	IS 3025 (Part 40)
291	CHEMICAL- WATER	Water from Water Purifiers	Carbonates	IS 3025 (Part 23)
292	CHEMICAL- WATER	Water from Water Purifiers	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
293	CHEMICAL- WATER	Water from Water Purifiers	Chloride as Cl	IS 3025 (Part 32) - Argentometric Method

SCOPE OF ACCREDITATION

Laboratory Name : GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11665 **Page No** 15 of 16

Validity 22/05/2023 to 21/05/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
294	CHEMICAL- WATER	Water from Water Purifiers	Colour - Platinum Cobalt Method	IS 3025 (Part 4)
295	CHEMICAL- WATER	Water from Water Purifiers	Dissolved Oxygen - Winkler Method	IS 3025 (Part 38)
296	CHEMICAL- WATER	Water from Water Purifiers	Electrical Conductivity	IS 3025(Part 14)
297	CHEMICAL- WATER	Water from Water Purifiers	Fluoride - SPADNS Method	APHA 23rd Edition (4500 F D)
298	CHEMICAL- WATER	Water from Water Purifiers	Hexavalent Chromium (Cr+6) - Diphenylcarbazide Method	IS 3025 (Part 52)
299	CHEMICAL- WATER	Water from Water Purifiers	Iron (as Fe) - Phenanthroline Method	APHA 23rd Edition (3500 Fe B)
300	CHEMICAL- WATER	Water from Water Purifiers	Magnesium as Mg - Calculation Method	APHA 23rd Edition (3500 Mg B)
301	CHEMICAL- WATER	Water from Water Purifiers	Magnesium Hardness as CaCO3 - Calculation Method	APHA 23rd Edition (3500 Mg B)
302	CHEMICAL- WATER	Water from Water Purifiers	Mineral Oil - Partition Gravimetric Method	IS 3025 (Part 39)
303	CHEMICAL- WATER	Water from Water Purifiers	Nitrate - Chromotropic acid Method	IS 3025 (Part 34)
304	CHEMICAL- WATER	Water from Water Purifiers	Odour	IS 3025(Part 5)
305	CHEMICAL- WATER	Water from Water Purifiers	Oil and Grease - Partition Gravimetric Method	IS 3025 (Part 39)
306	CHEMICAL- WATER	Water from Water Purifiers	pH at 25 °C - Electrometric Method	IS 3025 (Part 11)
307	CHEMICAL- WATER	Water from Water Purifiers	Phenolic Compounds - 4 - Aminoantipyrine Method with Chloroform Extraction	IS 3025 (Part 43)
308	CHEMICAL- WATER	Water from Water Purifiers	Phosphate - Stannous Chloride Method	IS 3025 (Part 31)
309	CHEMICAL- WATER	Water from Water Purifiers	Residual Chlorine - Iodometric Method	APHA 23rd Edition (4500 Cl B)
310	CHEMICAL- WATER	Water from Water Purifiers	Salinity - Electrical Conductivity Method	APHA 23rd Edition 2520 B
311	CHEMICAL- WATER	Water from Water Purifiers	Silica - Molybdosilicate Method	IS 3025 (Part 35)
312	CHEMICAL- WATER	Water from Water Purifiers	Sulphate - Turbidimetric Method	APHA 23rd Edition (4500 SO4 E)
313	CHEMICAL- WATER	Water from Water Purifiers	Sulphide - Iodometric Method	APHA 23rd Edition (4500 S2 F)
314	CHEMICAL- WATER	Water from Water Purifiers	Taste	IS 3025(Part 7 & 8)

SCOPE OF ACCREDITATION

Laboratory Name :	GO GREEN MECHANISMS PRIVATE LIMITED (TESTING LAB), OFFICE NO F/8,1ST FLOOR, MAHAJAN COMPLEX, GODHANI ROAD ZINGABAI TAKLI, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11665	**Page No**	16 of 16
Validity	22/05/2023 to 21/05/2025	**Last Amended on**	-

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
315	CHEMICAL- WATER	Water from Water Purifiers	Temperature	APHA 23rd Edition (2550 B)
316	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solids (TDS)	APHA 23rd Edition (2540 C)
317	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness as CaCO3 - EDTA Method	IS 3025 (Part 21)
318	CHEMICAL- WATER	Water from Water Purifiers	Total Kjeldhal Nitrogen	IS 3025(Part 34)
319	CHEMICAL- WATER	Water from Water Purifiers	Total Solids	APHA 23rd Edition (2540 B)
320	CHEMICAL- WATER	Water from Water Purifiers	Total Suspended Solids (TSS)	APHA 23rd Edition (2540 D)
321	CHEMICAL- WATER	Water from Water Purifiers	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.