National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KADAM ENVIRONMENTAL CONSULTANTS, 871/B/3, GIDC MAKARPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 27/03/2022 to 26/03/2024 **Last Amended on** 05/04/2022

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	Effluent.Waste water	Total Coliform Bacteria	APHA 23rd Edition 9221 B & C
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/ Waste water	Thermotolerant (Fecal) Coliform Bacteria	APHA 23rd Edition 9221 E & C
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine Sediment	Benthos Population	APHA: 10500 A 23rd Edition
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine Water	Phytoplankton Cell count	APHA: 10200 F 23rd Edition
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine Water	Zooplankton Population	APHA: 10200 G, I 23rd Edition
6	BIOLOGICAL- WATER	Drinking Water	Escherichia coli	APHA 23rd Edition 9221B & G
7	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	APHA 9215A 23rd Edition
8	BIOLOGICAL- WATER	Drinking Water	Total Coliform Bacteria	APHA 23rd Edition 6221 B & C
9	BIOLOGICAL- WATER	Water	Thermotolerant (Fecal) Coliform Bacteria	APHA 23rd Edition 9221
10	BIOLOGICAL- WATER	Water	Total Coliform Bacteria	APHA 23rd Edition 9221 B & C
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	LAB-SOP-109 Issue No 01
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic	LAB-SOP-114,Issue No 01
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5182 (Part-11)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon disulphide	IS 5182 (Part-20)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine	IS 5182 (Part-19)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Fluoride	IS 5182 (Part-13)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	H2S	IS 5182 (Part-7)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 (Part-22)

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	LAB-SOP-113,Issue No 01
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	NOx	IS 5182 (Part-6)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part-9)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS 5182 (Part-23)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM2.5	LAB-SOP-111, Issue No 01
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	SO2	IS 5182 (Part-2)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Toluene	IS 5182 (Part-II)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Xylene	IS 5182 (Part-II)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels / Source Noise Levels	Noise	IS 9989 & LAB-SOP-044, Issue No 01
28	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Relative Humidity	LAB-SOP-142, Issue No 01
29	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Temperature	LAB-SOP-142, Issue No 01
30	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Wind Direction	LAB-SOP-142, Issue No 01
31	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Wind Speed	LAB-SOP-142, Issue No 01
32	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels	Noise	IS 9989: & LAB-SOP-044, Issue No 01
33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia	IS 11255 (Part-6)
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Cadmium	USEPA (2000) Method-29
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Chlorine	LAB-SOP-104, Issue No 01
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Chromium	USEPA (2000) Method-29
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	CO	LAB-SOP-093, Issue No 01

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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- ATMOSPHERIC POLLUTION	Stack emission	CO2	LAB-SOP-093, Issue No 01
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Copper	USEPA (2000) Method-29
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	H2S	IS 11255 (Part-4)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Lead	USEPA (2000) Method-29
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Manganese	USEPA (2000) Method-29
43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Nickel	USEPA (2000) Method-29
44	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	NOx	IS 11255 (Part-7)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	O2	LAB-SOP-093, Issue No 01
46	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	PM	IS 11255 (Part-I)
47	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	SO2	IS 11255 (Part-II)
48	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Zinc	USEPA (2000) Method-29
49	CHEMICAL- POLLUTION & ENVIRONMENT	Oil and Solvent	Moisture content	IS 2362
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Barium	EPA-3050B & EPA 7000B
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Calcium	LAB-SOP-129, Issue No 01
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Cation Exchange Capacity	LAB-SOP-085, Issue No 01
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Chromium	EPA-3050B & EPA 7000B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Cobalt	EPA 3050B & EPA 7000B
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Conductivity	IS 14767
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Copper	EPA-3050B & EPA 7000B

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57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Dry Density	IS 2720 (Part-29)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Iron	EPA-3050B & EPA 7000B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Lead	EPA-3050B & EPA 7000B
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Magnesium	LAB-SOP-130, Issue No 01
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Manganese	EPA-3050B & EPA 7000B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Moisture Content	IS 2720 (Part-2)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Molybdenum	EPA 3050B & EPA 7000B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Nickel	EPA-3050B & EPA 7000B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Nitrate Nitrogen NO3-N	IS 14684
66	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Organic Matter	IS 2720 (Part-22)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	pH	IS 2720 (Part-26)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Porosity	IS 2720 (Part-7)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Potassium	LAB-SOP-128, Issue No 01
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Sodium	LAB-SOP-117, Issue No 01
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Total Kjeldahl Nitrogen	IS 14684
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Total Phosphate	IS 10158
73	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Total Sulphate	IS 2720 (Part-27)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Zinc	EPA-3050B & EPA 7000B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments/ Sludge	Water Holding Capacity	LAB-SOP-083, Issue No 01

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76	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments/Waste	Aluminium	EPA-3050B& EPA 7000B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments/waste	Cadmium	EPA-3050B & EPA 7000B
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	APHA 23rd Edition 2310 - B Acidity
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Alkalinity (Methyl Orange & Phenolphthlein)	APHA 23rd Edition 2320 - B Alkalinity
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Aluminium	APHA 23rd Edition 3500 Al - B
81	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Amm. Nitrogen	IS 3025 (Part-34)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Anionic Surfactant as Methylene Blue Active Substances (MBAS)	APHA 23rd Edition 5540-C
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Arsenic	IS 3025 (Part 37)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Barium	APHA 23rd Edition 3111-D
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Bio-assay (90% survival of fish after 96 hours in 100 percent effluent)	IS 6582 (Part-2)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	BOD at 27oC for 3 days	IS 3025 (Part-44)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Boron	APHA 23rd Edition 4500 B - C
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ca. Hardness	APHA 23rd Edition 3500 Ca - B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cadmium	APHA 23rd Edition 3111 B
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Calcium	APHA 23rd Edition 3500 Ca - B
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride	APHA 23rd Edition 4500 Cl - B
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium	APHA 23rd Edition 3500 Cr - B
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	COD	APHA 23rd Edition 5220 - B

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94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Colour	APHA 23rd Edition 2120 - B Visual Comparison Method
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Conductivity	APHA 23rd Edition 2510 - B
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper	APHA 23rd Edition 3111- B
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Oxygen (D.O)	APHA 23rd Edition 4500 O - C
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fixed Solids	APHA 23rd Edition 2540-E
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Flouride	APHA 23rd Edition 4500 F - D
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron	APHA 23rd Edition 3111-B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead	APHA 23rd Edition 3111-B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Magnesium	APHA 23rd Edition 3500 mg - B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Manganese	APHA 23rd Edition 3111- B
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mercury	APHA 23rd Edition 3112-B
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mg. Hardness	APHA 23rd Edition 3500 Mg - B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mixed Liquor Suspended Solids	IS 3025 (Part-18)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mixed Liquor Volatile Suspended Solids	IS 3025 (Part-18)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Molybdenum	APHA 23rd Edition 3111- D
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel	APHA 23rd Edition 3111- B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate	IS 3025 (Part-34)
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrite Nitrogen	IS 3025 (Part-34)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 23rd Edition 5520 - B

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113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	APHA 23rd Edition 4500 H+ B
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phenol	APHA 23rd Edition 5530-D
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phosphate	APHA 23rd Edition 4500 P - C
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Potassium	APHA 23rd Edition 3500 K - B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Reactive Silica	APHA 23rd Edition 4500 SiO2 - D Colorimetric
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Residual Chlorine	IS 3025 (Part-26)
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Selenium	APHA 23rd Edition 3500 Sc - C
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium	APHA 23rd Edition 3500 Na - B
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium %	LAB-SOP-138,Issue No 01
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium Absorption Ratio	LAB-SOP-138,Issue No 01
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulfite	APHA 23rd Edition 4500 SO32 - B
124	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Sulphate	APHA 23rd Edition 4500 SO4 - E
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphide	IS 3025 (Part-29)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	APHA 23rd Edition 2550 - B
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Dissolved Solids	APHA 23rd Edition 2540-C
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Hardness	APHA 23rd Edition 2340 - C
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids	APHA 23rd Edition 2540 -D
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Turbidity	APHA 23rd Edition 2130 - B Nephelometric Method
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Vanadium	APHA 23rd Edition 3500 V-B

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132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Volatile Solids	APHA 23rd Edition 2540-E
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc	APHA 23rd Edition 3111- B
134	CHEMICAL- POLLUTION & ENVIRONMENT	Water water	Cobalt	APHA 23rd Edition 3111- B
135	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Cadmium	APHA 23rd Edition 3111 B
136	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Aluminium	APHA 23rd Edition 3500-Al B
137	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Arsenic	IS 3025 (Part-37)
138	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Barium	APHA 23rd Edition 3111 - D
139	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Boron	APHA 23rd Edition 4500 - B C
140	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Chromium hexavalent	APHA 23rd Edition 3500 Cr - B
141	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Cobalt	APHA 23rd Edition 3111-B
142	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Copper	APHA 23rd Edition 3111 B
143	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Iron	APHA 23rd Edition 3111 B
144	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Lead	APHA 23rd Edition 3111 B
145	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Manganese	APHA 23rd Edition 3111 B
146	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Mercury	APHA 23rd Edition 3112-B
147	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Molybdenum	APHA 23rd Edition 3111-D
148	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Nickel	APHA 23rd Edition 3111 B
149	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Phenol	APHA 23rd Edition 5530 D
150	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Residual Chlorine	IS 3025 (Part-26)

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151	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Selenium	APHA 23rd Edition 3500 Se- C
152	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Vanadium	APHA 23rd Edition 3500-V B
153	CHEMICAL- RESIDUES IN WATER	Drinking Water/ Surface Water/ Ground Water/ Marine Water	Zinc	APHA 23rd Edition 3111 B
154	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Aluminum	APHA 23rd Edition 3125-B
155	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Arsenic	APHA 23rd Edition 3125-B
156	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Barium	APHA 23rd Edition 3125-B
157	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Berylium	APHA 23rd Edition 3125-B
158	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Boron	APHA 23rd Edition 3125-B
159	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Cadmium	APHA 23rd Edition 3125-B
160	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Calcium	APHA 23rd Edition 3125-B
161	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Cesium	APHA 23rd Edition 3125-B
162	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Chromium	APHA 23rd Edition 3125-B
163	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Cobalt	APHA 23rd Edition 3125-B
164	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Copper	APHA 23rd Edition 3125-B
165	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Gallium	APHA 23rd Edition 3125-B
166	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Indium	APHA 23rd Edition 3125-B
167	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Iron	APHA 23rd Edition 3125-B
168	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Lead	APHA 23rd Edition 3125-B
169	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Lithium	APHA 23rd Edition 3125-B

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170	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Magnesium	APHA 23rd Edition 3125-B
171	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Manganese	APHA 23rd Edition 3125-B
172	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Mercury	APHA 23rd Edition 3125-B
173	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Molybdenum	APHA 23rd Edition 3125-B
174	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Nickel	APHA 23rd Edition 3125-B
175	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Potassium	APHA 23rd Edition 3125-B
176	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Rubidium	APHA 23rd Edition 3125-B
177	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Silver	APHA 23rd Edition 3125-B
178	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Sodium	APHA 23rd Edition 3125-B
179	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Strontium	APHA 23rd Edition 3125-B
180	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Thallium	APHA 23rd Edition 3125-B
181	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Uranium	APHA 23rd Edition 3125-B
182	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Vanadium	APHA 23rd Edition 3125-B
183	CHEMICAL- RESIDUES IN WATER	Waste water/Surface water/ Ground water/ Marine water/ Drinking water	Zinc	APHA 23rd Edition 3125-B
184	CHEMICAL- WATER	Drinking water	% Sodium	LAB-SOP-138, Issue No 01
185	CHEMICAL- WATER	Drinking water	Acidity	APHA 23rd Edition 2310- B Acidity
186	CHEMICAL- WATER	Drinking water	Ammonical Nitrogen	IS 3025 (Part-34)
187	CHEMICAL- WATER	Drinking Water	Anionic Surfactants as Methylene Blue Active Substances (MBAS)	APHA 23rd Edition 5540-C
188	CHEMICAL- WATER	Drinking water	BOD at 27 degree C for 3 days	IS 3025 (Part-44)
189	CHEMICAL- WATER	Drinking water	Ca. Hardness	APHA 23rd Edition 3500 Ca - B

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190	CHEMICAL- WATER	Drinking water	Calcium	APHA 23rd Edition 3500 Ca - B
191	CHEMICAL- WATER	Drinking water	Chloride	APHA 23rd Edition 4500 - Cl B
192	CHEMICAL- WATER	Drinking water	COD	APHA 23rd Edition5220 - B
193	CHEMICAL- WATER	Drinking water	Colour	APHA 23rd Edition 2120 - B Visual Comparison Method
194	CHEMICAL- WATER	Drinking water	Conductivity	APHA 23rd Edition 2510 - B
195	CHEMICAL- WATER	Drinking water	Dissolved Oxygen (D.O)	APHA 23rd Edition 4500 O - B
196	CHEMICAL- WATER	Drinking water	Fixed Solids	APHA 23rd Edition 2540 E
197	CHEMICAL- WATER	Drinking water	Fluoride	APHA 23rd Edition 4500- F- D
198	CHEMICAL- WATER	Drinking water	Magnesium	APHA 23rd Edition 3500 Mg- B
199	CHEMICAL- WATER	Drinking water	Mg. Hardness	APHA 23rd Edition 3500 Mg - B
200	CHEMICAL- WATER	Drinking water	Nitrate	IS 3025 (Part-34)
201	CHEMICAL- WATER	Drinking water	Nitrite Nitrogen	IS 3025 (Part-34)
202	CHEMICAL- WATER	Drinking water	Oil & Grease	APHA 23rd Edition 5520 - B
203	CHEMICAL- WATER	Drinking water	pH	APHA 23rd Edition 4500 H+ B
204	CHEMICAL- WATER	Drinking water	Phosphate	APHA 23rd Edition 4500 P - C
205	CHEMICAL- WATER	Drinking water	Potassium	APHA 23rd Edition 3500 K - B
206	CHEMICAL- WATER	Drinking water	Reactive Silica	APHA 23rd Edition 4500 SiO2 - D Colorimetric
207	CHEMICAL- WATER	Drinking water	Sodium	APHA 23rd Edition 3500 Na - B
208	CHEMICAL- WATER	Drinking water	Sodium Absorption Ratio	LAB-SOP-138, Issue No 01
209	CHEMICAL- WATER	Drinking water	Sulphate	APHA 23rd Edition 4500 -SO4 E
210	CHEMICAL- WATER	Drinking water	Sulphide	IS 3025 (Part-29)
211	CHEMICAL- WATER	Drinking water	Temperature	APHA 23rd Edition 2550 - B
212	CHEMICAL- WATER	Drinking water	Total Alkalinity	APHA 23rd Edition 2320 - B Alkalinity
213	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	APHA 23rd Edition 2540 - C
214	CHEMICAL- WATER	Drinking water	Total Hardness	APHA 23rd Edition 2340 - C
215	CHEMICAL- WATER	Drinking water	Total Suspended Solids	APHA 23rd Edition 2540 - D
216	CHEMICAL- WATER	Drinking water	Turbidity	APHA 23rd Edition 2130 - B Nephelometric Method
217	CHEMICAL- WATER	Drinking water	Volatile Solids	APHA 23rd Edition 2540 E

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218	CHEMICAL- WATER	Drtinking water	Sulfite	APHA 23rd Edition 4500 SO32 - B
219	CHEMICAL- WATER	Ground water	% Sodium	LAB-SOP-138, Issue No 01
220	CHEMICAL- WATER	Ground Water	Acidity	APHA 23rd Editiion 2310 B Acidity
221	CHEMICAL- WATER	Ground water	Ammonical Nitrogen	IS 3025 (Part 34)
222	CHEMICAL- WATER	Ground water	Anionic Surfactants as Methylene Blue Active Substances (MBAS)	APHA 23rd Edition 5540-C
223	CHEMICAL- WATER	Ground water	BOD at 27°C For 3 days	IS 3025(Part 44)
224	CHEMICAL- WATER	Ground water	Ca. Hardness	APHA 23rd Edition 3500 - Ca B
225	CHEMICAL- WATER	Ground water	Calcium	APHA 23rd Edition 3500 - Ca B
226	CHEMICAL- WATER	Ground water	Chloride	APHA 23rd Edition 4500 -Cl-B
227	CHEMICAL- WATER	Ground water	COD	APHA 23rd Edition 5220-B
228	CHEMICAL- WATER	Ground water	Colour	APHA 23rd Edition 2120 B Viisual comparison Method-
229	CHEMICAL- WATER	Ground water	Conductivity	APHA 23rd Edition 2510-B
230	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (D.O)	APHA 23rd Edition 4500 O C
231	CHEMICAL- WATER	Ground water	Fixed Solids	APHA 23rd Edition 2540 E
232	CHEMICAL- WATER	Ground water	Fluoride	APHA 23rd Edition 4500 -F-D
233	CHEMICAL- WATER	Ground water	Magnesium	APHA 23rd Edition 3500 - Mg B
234	CHEMICAL- WATER	Ground water	Mg. Hardness	APHA 23rd Edition 3500 - Mg B
235	CHEMICAL- WATER	Ground water	Nitrate	IS 3025 (Part 34)
236	CHEMICAL- WATER	Ground water	Nitrite Nitrogen	IS 3025 (Part-34)
237	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition 5520 B
238	CHEMICAL- WATER	Ground water	pH	APHA 23rd Edition 4500-H+ B
239	CHEMICAL- WATER	Ground water	Phosphate	APHA 23rd Edition 4500 - P C
240	CHEMICAL- WATER	Ground water	Potassium	APHA 23rd Edition 3500 - K B
241	CHEMICAL- WATER	Ground water	Reactive Silica	APHA 23rd Edition 4500-SiO2-D, colorimetric
242	CHEMICAL- WATER	Ground water	Sodium	APHA 23rd Edition 3500 - Na B
243	CHEMICAL- WATER	Ground water	Sodium Absorption Ratio	LAB-SOP-138, Issue No 01

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244	CHEMICAL- WATER	Ground water	Sulfite	APHA 23rd Edition 4500 SO32- B
245	CHEMICAL- WATER	Ground water	Sulphate	APHA 23rd Edition 4500 - SO4 E
246	CHEMICAL- WATER	Ground water	Sulphide	IS 3025 (Part - 29)
247	CHEMICAL- WATER	Ground water	Temperature	APHA 23rd Edition 2550-B
248	CHEMICAL- WATER	Ground Water	Total Alkalinity	APHA 23rd Edition 2320 B Alkalinity
249	CHEMICAL- WATER	Ground water	Total dissolved solids	APHA 23rd Edition 2540-C
250	CHEMICAL- WATER	Ground water	Total Hardness	APHA 23rd Edition 2340 C
251	CHEMICAL- WATER	Ground water	Total Suspended solids	APHA 23rd Edition 2540-D
252	CHEMICAL- WATER	Ground water	Turbidity	APHA 23rd Edition 2130-B Nephelometric Method
253	CHEMICAL- WATER	Ground water	Volatile Solids	APHA 23rd Edition 2540 E
254	CHEMICAL- WATER	Marine Water	Ammonical Nitrogen	IS 3025 (Part 34)
255	CHEMICAL- WATER	Marine Water	BOD at 27°C For 3 days	IS 3025 (Part 44)
256	CHEMICAL- WATER	Marine Water	Chloride	APHA 23rd Edition 4500 - Cl- B
257	CHEMICAL- WATER	Marine Water	COD	APHA 23rd Edition 5220 B
258	CHEMICAL- WATER	Marine Water	Dissolved Oxygen (D.O)	APHA 23rd Edition 4500 O- C
259	CHEMICAL- WATER	Marine Water	Fluoride	APHA 23rd Edition 4500 - F—D
260	CHEMICAL- WATER	Marine Water	Magnesium	APHA 23rd Edition 3500-Mg B
261	CHEMICAL- WATER	Marine Water	Nitrate	IS 3025 (Part 34)
262	CHEMICAL- WATER	Marine Water	Nitrite Nitrogen	IS 3025 (Part-34)
263	CHEMICAL- WATER	Marine Water	Oil & Grease	APHA 23rd Edition 5520 B
264	CHEMICAL- WATER	Marine Water	pH	APHA 23rd Edition 4500-H +B
265	CHEMICAL- WATER	Marine Water	Phosphate	APHA 23rd Edition 4500 - P C
266	CHEMICAL- WATER	Marine Water	Sulphate	APHA 23rd Edition 4500 - SO4 E
267	CHEMICAL- WATER	Marine Water	Temparature	APHA 23rd Edition 2550- B
268	CHEMICAL- WATER	Marine Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
269	CHEMICAL- WATER	Marine Water	Total Suspended Solids	APHA 23rd Edition 2540 D
270	CHEMICAL- WATER	Marine Water	Turbidity	APHA 23rd Edition 2130- B Nephelometric Method

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271	CHEMICAL- WATER	Surface water	% Sodium	LAB-SOP-138, Issue No 01
272	CHEMICAL- WATER	Surface water	Acidity	APHA 23rd Edition 2310- B Acidity
273	CHEMICAL- WATER	Surface water	Ammonical Nitrogen	IS 3025 (Part 34)
274	CHEMICAL- WATER	Surface water	Anionic Surfactant as Methylene Blue Active Substances (MBAS)	APHA 23rd Edition 5540-C
275	CHEMICAL- WATER	Surface water	BOD at 27oC for 3 days	IS 3025 (Part 44)
276	CHEMICAL- WATER	Surface water	Ca. Hardness	APHA 23rd Edition 3500 Ca B
277	CHEMICAL- WATER	Surface water	Calcium	APHA 23rd Edition 3500 Ca- B
278	CHEMICAL- WATER	Surface water	Chloride	APHA 23rd Edition 4500 - Cl - B
279	CHEMICAL- WATER	Surface water	COD	APHA 23rd Edition 5220 B
280	CHEMICAL- WATER	Surface water	Colour	APHA 23rd Edition 2120 B Visual Comparison Method
281	CHEMICAL- WATER	Surface water	Conductivity	APHA 23rd Edition 2510 B
282	CHEMICAL- WATER	Surface water	Dissolved Oxygen (DO)	APHA 23rd Edition 4500 O-C
283	CHEMICAL- WATER	Surface water	Fixed Solid	APHA 23rd Edition 2540 E
284	CHEMICAL- WATER	Surface water	Flouride	APHA 23rd Edition 4500 - F- D
285	CHEMICAL- WATER	Surface water	Magnesium	APHA 23rd Edition 3500 Mg - B
286	CHEMICAL- WATER	Surface water	Mg. Hardness	APHA 23rd Edition 3500 Mg - B
287	CHEMICAL- WATER	Surface water	Nitrate	IS 3025 (Part 34)
288	CHEMICAL- WATER	Surface water	Nitrite Nitrogen	IS 3025 (Part-34)
289	CHEMICAL- WATER	Surface water	Oil & Grease	APHA 23rd Edition 5520 B
290	CHEMICAL- WATER	Surface water	pH	APHA 23rd Edition 4500-H+ B
291	CHEMICAL- WATER	Surface water	Phosphate	APHA 23rd Edition 4500 - P C
292	CHEMICAL- WATER	Surface water	Potassium	APHA 23rd Edition 3500 - K B
293	CHEMICAL- WATER	Surface water	Reactive Silica	APHA 23rd Edition 4500-SiO2 D colorimetric
294	CHEMICAL- WATER	Surface water	Sodium	APHA 23rd Edition 3500 Na- B
295	CHEMICAL- WATER	Surface water	Sodium Absorption Ratio	LAB-SOP-139, Issue No 01
296	CHEMICAL- WATER	Surface water	Sulfite	APHA 23rd Edition 4500 SO3- B
297	CHEMICAL- WATER	Surface water	Sulphate	APHA 23rd Edition 45 SO4 E

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298	CHEMICAL- WATER	Surface water	Sulphide	IS 3025 (Part-29)
299	CHEMICAL- WATER	Surface water	Temperature	APHA 23rd Edition 2550 - B
300	CHEMICAL- WATER	Surface water	Total Alkalinity	APHA 23rd Edition 2320 B Alkalinity
301	CHEMICAL- WATER	Surface water	Total Dissolved Solids	APHA 23rd Edition 2540 C
302	CHEMICAL- WATER	Surface water	Total Hardness	APHA 23rd Edition 2340 C
303	CHEMICAL- WATER	Surface water	Total Suspended Solids	APHA 23rd Edition 2540 D
304	CHEMICAL- WATER	Surface water	Tubidity	APHA 23rd Edition 2130 B Nephelometric method
305	CHEMICAL- WATER	Surface water	Volatile Solids	APHA 23rd Edition 2540 E