National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALKOM SYNERGY PVT. LTD., C-212, 2ND FLOOR, SECTOR -10, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard 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
Permanent Facility				
1	BIOLOGICAL- WATER	Distilled water	E.coli	IS 1622
2	BIOLOGICAL- WATER	Distilled water	Faecal coliform	IS 1622
3	BIOLOGICAL- WATER	Distilled water	Total Coliform	IS 1622
4	BIOLOGICAL- WATER	Drinking water	E. Coli	IS 1622
5	BIOLOGICAL- WATER	Drinking water	Faecal coliform	IS 1622
6	BIOLOGICAL- WATER	Drinking water	Total coliform	IS 1622
7	BIOLOGICAL- WATER	Ground water	E. Coli	IS 1622
8	BIOLOGICAL- WATER	Ground water	Faecal Coliform	IS 1622
9	BIOLOGICAL- WATER	Ground water	Total Coliform	IS 1622
10	BIOLOGICAL- WATER	Packaged Drinking water	Faecal coliform	IS 1622
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ambient Temperature	USEPA --454/R-99-005
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS : 5182 PART -25
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	CPCB Guideline for the measurement of Ambient Air Pollutants Volume -1
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Barometric Pressure	USEPA 454/R -99-05
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene (C6H6)	IS 5182 Part 11
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo (a) Pyrene	IS : 5182 Part -12
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide (CO)	IS : 5182 PART-10
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine (Cl2)	IS : 5182 PART -19
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrocarbon (as CH4)	IS : 5182 Part -17
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide (H2S)	IS 5182 PART-7
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 PART -22
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	IS : 5182 PART - 26

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23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS : 5182 PART - 6
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Non Methane Hydrocarbon	IS 5182 PART - 21
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS : 5182 PART -9
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS : 3025 part-23
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS : 5182 PART-24
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Rain Fall	USEPA 454/R-99-005
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Relative Humidity	USEPA 454/R-99-005
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Solar Radiation	US EPA 454/R-99-005
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS : 5182 PART -2
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter	IS : 5182 PART -4
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Toluene	IS 5182 Part -11
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Fluoride	IS : 5182 PART -13
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Hydrocarbon (C1 - C5)	IS : 5182 Part - 17
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Wind Direction	USEPA 454/R-99-005
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Wind Speed	USEPA 454/R-99-005
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Xylene	IS : 5182 PART -11
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level	Ambient Noise (Leq Values)	IS : 9989
40	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination Level	Light Intensity (Lux Level)	IS : 6665
41	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level	Noise Level	IS : 4758

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42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Acid Mist (as H2SO4)	USEPA METHOD -8
43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS : 11255 PART -6
44	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Arsenic (As)	USEPA METHOD 29
45	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Cadmium (Cd)	USEPA METHOD-29
46	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	IS : 13270
47	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	IS : 13270
48	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Chromium (Cr)	USEPA METHOD 29
49	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Copper (Cu)	USEPA METHOD 29
50	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Chloride Mist	USEPA METHOD-26
51	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Sulphide (H2S)	IS 11255 PART -4
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Lead (Pb)	USEPA METHOD-29
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Manganese (Mn)	USEPA METHOD - 29
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Mercury (Hg)	USEPA METHOD-29 & CPCB Guideline for Emission Monitoring
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nickel (Ni)	USEPA METHOD -29
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Non Methane Hydrocarbon (as C)	ASPL/SOP/SE/002
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS : 11255 PART -7
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	IS : 13270
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS : 11255 PART -1

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60	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS : 11255 PART -2
61	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Total Fluoride	IS 11255 PART -5
62	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Total Hydrocarbon	ASPL/SOP/SE/01
63	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Zinc (Zn)	USEPA METHOD 29
64	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor	Xylene	ASPL/SOP/IA/01
65	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Ammonia (NH3)	ASPL/SOP/IA/01
66	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Arsenic (As)	ASPL/SOP/IA/01
67	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Benzene (C6H6)	ASPL/SOP/IA/01
68	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Carbon Monoxide (CO)	ASPL/SOP/IA/01
69	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Chlorine (Cl2)	ASPL/SOP/IA/01
70	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Hydrogen Sulphide (H2S)	ASPL/SOP/IA/01
71	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Lead (Pb)	ASPL/SOP/IA/01
72	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Nickel (Ni)	ASPL/SOP/IA/01
73	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Nitrogen Dioxide (NO2)	ASPL/SOP/IA/01
74	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Non Methane Hydrocarbon	ASPL/SOP/IA/01
75	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Ozone (O3)	ASPL/SOP/IA/01
76	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Particulate Matter (PM2.5)	ASPL/SOP/IA/01
77	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Respirable Particulate Matter (PM10)	ASPL/SOP/IA/01
78	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Sulphur Dioxide (SO2)	ASPL/SOP/IA/01

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79	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Suspended Particulate Matter	ASPL/SOP/IA/01
80	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Toluene	ASPL/SOP/IA/01
81	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Total Fluoride	ASPL/SOP/IA/01
82	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Total Hydrocarbon (as CH4)	ASPL/SOP/IA/01
83	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/Indoor Air	Total Hydrocarbon (C1 to C5)	ASPL/SOP/IA/01
84	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Bio assay	IS 6582
85	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Bulk Density	IS 2720 Part -7
86	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Cadmium	USEPA 3050B (AAS Flame)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Calcium	A text book of soil analysis by T.C. baruah
88	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Copper	APHA 3111-B,23rd Edition
89	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Cyanide	APHA 4500-CN-C & E,23rd Edition
90	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Lead	APHA 3111-B,23rd Edition
91	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Magnesium	A textbook of soil analysis by T.C.baruah
92	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Manganese	APHA 3111-B,23rd Edition
93	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Nickel	APHA 3111-B,23rd Edition
94	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Oil & Grease	APHA 5220B ,23rd Edition
95	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Organic carbon	IS 2720 part 22
96	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Organic Matter	IS 2720
97	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	pH	IS 2720 Part -26

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98	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Phosphorus	IS 10158
99	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Potassium	USEPA 3050B (By Flame Photometer)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Sodium	USEPA 3050B(by Flame Photometer)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Chromium	US EPA 3050B (AAS-Flame)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Total Kjeldahl Nitrogen	IS 14684
103	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Zinc	APHA 3111-B,23rd Edition
104	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Bulk Density	IS : 2720 PART 7
105	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Cadmium(Cd)	USEPA 3050B (AAS FLAME)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Cation Exchange Capacity	IS : 2720 PART 24
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Chloride (Cl)	A Textbook of Soil Analysis,By T.C.Baruah & H.Barthakar
108	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Clay	IS 2720 PART 4
109	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Electrical Conductivity	IS 14767
110	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Magnesium (Mg)	A Textbook of Soil Analysis,By T.C.Baruah & H.Barthakar
111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Moisture	IS : 2720 PART -2
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Nitrate Nitrogen	IS 14684
113	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Organic Carbon	IS : 2720 PART 22
114	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Organic Matter	IS 2720 PART 22
115	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	pH Value	IS 2720 PART 26
116	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Phosphorous (P)	IS : 10158

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117	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Sand	IS 2720 PART -4
118	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Silt	IS 2720 PART 4
119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Sodium (Na)	USEPA 3050 B (By Flame Photometer)
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Specific Gravity	IS : 2720 PART -29
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Sulphur	IS 14685
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Kjeldahl Nitrogen	IS 14684
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Nitrogen	IS : 14684
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Aluminum (Al)	USEPA 3050 B (AAS -FALME)
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Calcium (Ca)	A Textbook of Soil Analysis,By T.C.Baruah & H.Barthakar
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chromium(Cr)	USEPA 3050B (AAS - FALAME)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper(Cu)	USEPA 3050 B (AAS - FLAME)
128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead (Pb)	USEPA 3050 B(AAS -FLAME)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Manganese (Mn)	USEPA 3050B (AAS FLAME)
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel (Ni)	USEPA 3050B (AAS -FLAME)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium (K)	USEPA 3050 B (By Flame Photometer)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium Adsorption Ratio	ASPL/SOP/SA/03
133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sulphate	IS : 2720 PART-27
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc (Zn)	USEPA 3050B (AAS-FLAME)
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 4500-NH3 C(Titrimetric)23rd edition

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136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Anionic Surfactant as MBAS	APHA 5540 -C, 23rd Edition & IS 3025 PART-68
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Bio assay	IS :6582
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio-Assay tst for Evaluating Acute Toxicity	IS 6582 (P-2)
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD FOR 5 DAYS AT 20 °C	APHA 5210-B & D(TITRIMETRIC)23RD EDITION
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Boron as B	APHA 4500B. B(Spectrometric)23rd Edition
141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bromide	APHA 4500 Br -B ,23RD EDITION
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 3500 Ca -B(EDTA TITR.)23RD EDITION
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 5220-B (Open Reflux)23rd Edition
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride (Cl)	APHA 4500 -Cl.B (Argentometric)23rd Edition
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chromium Hexavalent(Cr+6)	APHA -3500-B 23RD EDITION
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanide (CN)	APHA 4500-CN. C & E (Colorimetric) 23rd Edition
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA -4500 O-B(Idometric Method)23rd Edition
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 2510 B(Electrometric Method)23rd edition
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solid	APHA 2540 G,23RD EDITION
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride (F)	APHA 4500-F.D(Spadns method)23rd Edition
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 3500 Mg-B 23RD EDITION
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mineral Oil	APHA 5520 B & F,23RD EDITION
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate (NO3)	APHA 4500 NO3 -C(Sepectrop) ,23RD EDITION
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odor	APHA 2150B 23 RD EDITION

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155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odour	IS 3025 PART 7
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 5520B (Partition Gravimetric)23rd Edition
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 4500H+ B(Electrometric Method)23rd edition
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compounds	APHA 5530-C(Chloroform Extraction method)
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as P	APHA 4500.D(Spectrop.)23rd Edition
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium (as K)	APHA 3500 K-B ,23RD EDITION
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Settleable Solid	APHA 2540 F ,23RD EDITION
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 4500 SiO2 -C, 23RD Edition
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium (as Na)	APHA 3500 Na-B ,23RD EDITION
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulfide (S)	APHA 4500-S.D(MB METHOD)23RD EDITION
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate (as SO4)	APHA 4500-SO4-E(TURBIDIMETRIC METHOD)23RD EDITION
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 2550-B 23rd Edition
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCO3	APHA 2320B(Titrimetric)23rd Edition
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solid	APHA 2540 C(Gravimetric)23rd edition
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 4500 Norg B 23rd Edition
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Residual Chloride	APHA 4500 Cl-B 23RD EDITION
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solid	APHA 2540D (Gravimetric)23rd edition
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 2130B(Nephelometric)23rd edition

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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
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solid	APHA 2540 G, 23RD EDITION
174	CHEMICAL- POLLUTION & ENVIRONMENT	Water Water	Color	APHA 2120B 23rd Edition
175	CHEMICAL- POLLUTION & ENVIRONMENT	Water Water	Total Hardness as CaCO3	APHA 2340 C(Titrimetric)23rd Edition
176	CHEMICAL- RESIDUES IN WATER	Water	Phenolic Compounds	APHA 5530-C(Chloroform Extraction Method)23rd Edition
177	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminum	APHA 3111-B,23rd Edition
178	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic	APHA 3114 C,23rd Edition
179	CHEMICAL- RESIDUES IN WATER	Drinking water	Barium	APHA 3111-D,23rd Edition ,2017
180	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium	APHA 3111 B,23rd Edition
181	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cobalt	APHA 3111-B,23rd Edition
182	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper	APHA 3111-B,23rd Edition
183	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	APHA 3111-B,23rd Edition
184	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead	APHA 3111 B,23rd Edition
185	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese	APHA 3111-B,23rd Edition
186	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury	APHA 3112 B,23rd Edition
187	CHEMICAL- RESIDUES IN WATER	Drinking Water	Molybdenum	APHA 3111 -D,23rd Edition
188	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel	APHA 3111-B,23rd Edition
189	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium	APHA 3114 C,23rd Edition
190	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver	APHA 3111 B,23rd Edition
191	CHEMICAL- RESIDUES IN WATER	Drinking Water	Tin	APHA 3111 B,23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : ALKOM SYNERGY PVT. LTD., C-212, 2ND FLOOR, SECTOR -10, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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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
192	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium	APHA 3111 -B,23rd Edition
193	CHEMICAL- RESIDUES IN WATER	Drinking Water	Vanadium	APHA 3111-D,23rd Edition
194	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc	APHA 3111-B,23rd Edition
195	CHEMICAL- RESIDUES IN WATER	Ground water	Aluminium	APHA 3111-B,23rd Edition
196	CHEMICAL- RESIDUES IN WATER	Ground water	Arsenic	APHA 3111-D,23rd Edition
197	CHEMICAL- RESIDUES IN WATER	Ground water	Barium	APHA 3111-D,23rd Edition
198	CHEMICAL- RESIDUES IN WATER	Ground water	Cadmium	APHA 3111-B,23rd Edition
199	CHEMICAL- RESIDUES IN WATER	Ground water	Cobalt	APHA 3111-B,23RD EDITION
200	CHEMICAL- RESIDUES IN WATER	Ground water	Copper	APHA 3111-B,23rd Edition
201	CHEMICAL- RESIDUES IN WATER	Ground water	Iron	APHA 3111-B,23 rd Edition
202	CHEMICAL- RESIDUES IN WATER	Ground water	Lead	APHA 3111-B,23rd edition
203	CHEMICAL- RESIDUES IN WATER	Ground water	Manganese	APHA 3111-B ,23RD EDITION
204	CHEMICAL- RESIDUES IN WATER	Ground water	Mercury	APHA 3112-B,23rd Edition
205	CHEMICAL- RESIDUES IN WATER	Ground water	Molybdenum	APHA 3111-D,23RD EDITION
206	CHEMICAL- RESIDUES IN WATER	Ground water	Nickel	APHA 3111-B,23rd Edition
207	CHEMICAL- RESIDUES IN WATER	Ground water	Selenium	APHA 3114-C,23rd Edition
208	CHEMICAL- RESIDUES IN WATER	Ground water	Silver	APHA 3111-B,23rd Edition
209	CHEMICAL- RESIDUES IN WATER	Ground water	Tin	APHA 3111-B,23rd Edition
210	CHEMICAL- RESIDUES IN WATER	Ground water	Total Chromium	APHA 3111-B,23rd edition

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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
211	CHEMICAL- RESIDUES IN WATER	Ground water	Vanadium	APHA 3111-D,23rd Edition
212	CHEMICAL- RESIDUES IN WATER	Ground water	Zinc	APHA 3111-B,23rd Edition
213	CHEMICAL- RESIDUES IN WATER	Waste Water	Aluminum	APHA 3113 B,23RD EDITION
214	CHEMICAL- RESIDUES IN WATER	Waste Water	Antimony	APHA 3111-B, 23rd Edition
215	CHEMICAL- RESIDUES IN WATER	Waste Water	Arsenic	APHA 3114 C,23RD EDITION
216	CHEMICAL- RESIDUES IN WATER	Waste Water	Barium	APHA 3111-D,23rd Edition
217	CHEMICAL- RESIDUES IN WATER	Waste Water	Cadmium	APHA 3111 -B,23rd Edition
218	CHEMICAL- RESIDUES IN WATER	Waste Water	Cobalt	APHA 3111-B,23rd Edition
219	CHEMICAL- RESIDUES IN WATER	Waste Water	Copper	APHA 3111-B,23rd Edition
220	CHEMICAL- RESIDUES IN WATER	Waste Water	Iron	APHA 3111-B,23rd Edition
221	CHEMICAL- RESIDUES IN WATER	Waste Water	Lead	APHA 3111-B,23rd Edition
222	CHEMICAL- RESIDUES IN WATER	Waste Water	Manganese	APHA 3111-B,23rd Edition
223	CHEMICAL- RESIDUES IN WATER	Waste Water	Mercury	APHA 3112-B,23rd Edition
224	CHEMICAL- RESIDUES IN WATER	Waste Water	Molybdenum	APHA 3111-D,23 rd Edition
225	CHEMICAL- RESIDUES IN WATER	Waste Water	Nickel	APHA 3111-B,23rd Edition
226	CHEMICAL- RESIDUES IN WATER	Waste Water	Selenium	APHA 3114 B,23RD EDITION
227	CHEMICAL- RESIDUES IN WATER	Waste Water	Silver	APHA 3111-B,23rd Edition
228	CHEMICAL- RESIDUES IN WATER	Waste Water	Tin	APHA 3111-B,23rd Edition
229	CHEMICAL- RESIDUES IN WATER	Waste Water	Total Chromium	APHA 3111-B,23RD EDITION

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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
230	CHEMICAL- RESIDUES IN WATER	Waste Water	Vanadium	APHA 3111 -D,23rd Edition
231	CHEMICAL- RESIDUES IN WATER	Waste Water	Zinc	APHA 3111-B,23rd Edition
232	CHEMICAL- RESIDUES IN WATER	Water	2,2,3,4,4,5,5 Heptachlorobiphenyl	APHA 6431-B,23rd Edition
233	CHEMICAL- RESIDUES IN WATER	Water	2,2,3,4,5,5 Hexachlorobiphenyl	APHA 6431-B,23rd Edition
234	CHEMICAL- RESIDUES IN WATER	Water	2,2,4,4,5,5 Hexachlorobiphenyl	APHA 6431-B, 23rd Edition
235	CHEMICAL- RESIDUES IN WATER	Water	2,2,4,5,5, Pentachlorobiphenyl	APHA 6431-B,23rd Edition
236	CHEMICAL- RESIDUES IN WATER	Water	2,2,5,5, Tetrachlorobiphenyl	APHA 6431-B,23rd Edition
237	CHEMICAL- RESIDUES IN WATER	Water	2,3,4,4,5, Pentachlorobiphenyl	APHA 6431-B,23rd Edition
238	CHEMICAL- RESIDUES IN WATER	Water	2,4 Dichlorophenoxyacetic Acid (2,4 D)	APHA 6640 B,23rd Edition
239	CHEMICAL- RESIDUES IN WATER	Water	2,4,4 Trichlorobiphenyl	APHA 6431 -B, 23rd Edition
240	CHEMICAL- RESIDUES IN WATER	Water	Acenaphthane	APHA 6440-B,23rd Edition
241	CHEMICAL- RESIDUES IN WATER	Water	Acenaphthylene	APHA 6440-B,23rd Edition
242	CHEMICAL- RESIDUES IN WATER	Water	Alachlor	USEPA -507
243	CHEMICAL- RESIDUES IN WATER	Water	Aldrin	APHA 6630 B & C,23rd Edition
244	CHEMICAL- RESIDUES IN WATER	Water	Alpha - Endosulfan	APHA 6630 B & C,23 rd Edition
245	CHEMICAL- RESIDUES IN WATER	Water	alpha - HCH	USEPA-508
246	CHEMICAL- RESIDUES IN WATER	Water	Anthracene	APHA 6440-B,23rd Edition
247	CHEMICAL- RESIDUES IN WATER	Water	Atrazine	USEPA 8141 A & B
248	CHEMICAL- RESIDUES IN WATER	Water	Benzene	USEPA 8260C

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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
249	CHEMICAL- RESIDUES IN WATER	Water	Benzo (a) Pyrene	APHA 6440-B,23rd Edition
250	CHEMICAL- RESIDUES IN WATER	Water	Benzo (K) Fluranthone	APHA 6440-B,23rd Edition
251	CHEMICAL- RESIDUES IN WATER	Water	Benzo (ß) Fluoranthone	APHA 6440-B,23rd Edition
252	CHEMICAL- RESIDUES IN WATER	Water	Benzo anthracene	APHA 6440-B ,23rd Edition
253	CHEMICAL- RESIDUES IN WATER	Water	Beta- Endosulfan	APHA 6630 B & C,23rd Edition
254	CHEMICAL- RESIDUES IN WATER	Water	Bromodichloromethane	APHA 6232 B,23rd Edition
255	CHEMICAL- RESIDUES IN WATER	Water	Bromoform	APHA 6232-B,23rd Edition
256	CHEMICAL- RESIDUES IN WATER	Water	Butachlor	USEPA 8141A & B
257	CHEMICAL- RESIDUES IN WATER	Water	Chloramine (Cl2)	APHA 4500 Cl-G,23rd Edition
258	CHEMICAL- RESIDUES IN WATER	Water	Chloroform	APHA 6232 B,23rd Edition
259	CHEMICAL- RESIDUES IN WATER	Water	Chlorpyrifos	USEPA 8141 A & B
260	CHEMICAL- RESIDUES IN WATER	Water	Chrysene	APHA 6440-B,23rd Edition
261	CHEMICAL- RESIDUES IN WATER	Water	delta - HCH	USEPA-508
262	CHEMICAL- RESIDUES IN WATER	Water	Dibenzo (a,h) anthracene	APHA 6440-B,23rd Edition
263	CHEMICAL- RESIDUES IN WATER	Water	Dibenzo (g,h,i) Perylene	APHA 6440-B,23rd Edition
264	CHEMICAL- RESIDUES IN WATER	Water	Dibromochloromethane	APHA 6232 -B,23rd Edition
265	CHEMICAL- RESIDUES IN WATER	Water	Endosulfan Sulphate	APHA 6630-C,23rd Edition
266	CHEMICAL- RESIDUES IN WATER	Water	Ethion	USEPA 1657 A
267	CHEMICAL- RESIDUES IN WATER	Water	Ethyl Benzene	USEPA 8260C

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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
268	CHEMICAL- RESIDUES IN WATER	Water	Fluoranthene	APHA 6440-B,23rd Edition
269	CHEMICAL- RESIDUES IN WATER	Water	Fluorene	APHA 6440-B,23rd Edition
270	CHEMICAL- RESIDUES IN WATER	Water	Gamma - HCH	USEPA 508
271	CHEMICAL- RESIDUES IN WATER	Water	Indino (1,2,3 - cd) Pyrene	APHA 6440-B,23rd Edition
272	CHEMICAL- RESIDUES IN WATER	Water	Isoproturon	USEPA 532
273	CHEMICAL- RESIDUES IN WATER	Water	Malathion	USEPA 8141 A
274	CHEMICAL- RESIDUES IN WATER	Water	Methyl Parathion	USEPA 8141 A
275	CHEMICAL- RESIDUES IN WATER	Water	Monocrotophos	USEPA 8141 A
276	CHEMICAL- RESIDUES IN WATER	Water	Naphthalene	APHA 6440-B,23rd Edition
277	CHEMICAL- RESIDUES IN WATER	Water	O,P- DDT	APHA 6630-B & C,23rd Edition
278	CHEMICAL- RESIDUES IN WATER	Water	O,P-DDD	APHA 6630-B & C,23RD EDITION
279	CHEMICAL- RESIDUES IN WATER	Water	O.P.-DDE	APHA 6630-B & C,23rd Edition
280	CHEMICAL- RESIDUES IN WATER	Water	P,P -DDT	APHA 6630 -B & C,23rd Edition
281	CHEMICAL- RESIDUES IN WATER	Water	P,P-DDD	APHA 6630-B & C,23rd Edition
282	CHEMICAL- RESIDUES IN WATER	Water	P,P-DDE	APHA 6630-B & C,23rd Edition
283	CHEMICAL- RESIDUES IN WATER	Water	Phenanthrene	APHA 6440-B,23rd Edition
284	CHEMICAL- RESIDUES IN WATER	Water	Phorate	USEPA 8141 A & B
285	CHEMICAL- RESIDUES IN WATER	Water	Pyrene	APHA 6440-B,23rd Edition
286	CHEMICAL- RESIDUES IN WATER	Water	ß-HCH	USEPA-508

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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
287	CHEMICAL- RESIDUES IN WATER	Water	Toluene	USEPA 8260C
288	CHEMICAL- RESIDUES IN WATER	Water	Xylene	USEPA 8260C
289	CHEMICAL- WATER	Bore well water	Ammonia	IS 3025 Part 34
290	CHEMICAL- WATER	Bore well water	Anionic Detergent	IS 3025 Part -68
291	CHEMICAL- WATER	Bore well water	Barium	APHA 3111-B,23rd Edition
292	CHEMICAL- WATER	Bore well water	Boron	IS 3025 Part -57
293	CHEMICAL- WATER	Bore well water	Calcium	IS 3025 part 40
294	CHEMICAL- WATER	Bore well water	Chloramine	IS 3025 Part 26
295	CHEMICAL- WATER	Bore well water	Chloride	IS 3025 Part 32
296	CHEMICAL- WATER	Bore well water	Color	IS 3025 Part 4
297	CHEMICAL- WATER	Bore well water	Cyanide	IS 3025 Part 27
298	CHEMICAL- WATER	Bore well water	Fluoride	IS 3025 Part 60
299	CHEMICAL- WATER	Bore well water	Magnesium	IS 3025 Part 46
300	CHEMICAL- WATER	Bore well water	Nitrate	IS 3025 Part -34
301	CHEMICAL- WATER	Bore well water	Nitrite	IS 3025 Part 34
302	CHEMICAL- WATER	Bore well water	Odor	IS 3025 Part 5
303	CHEMICAL- WATER	Bore well water	pH	IS 3025 Part 11
304	CHEMICAL- WATER	Bore well water	Phenolic compounds	IS 3205 Part 43
305	CHEMICAL- WATER	Bore well water	Phosphate as PO4	IS 3025 Part -31
306	CHEMICAL- WATER	Bore well water	Potassium	IS 3025 Part 45
307	CHEMICAL- WATER	Bore well water	Residual Free Chlorine	IS 3025 Part 26
308	CHEMICAL- WATER	Bore well water	Silica	IS 3025 Part 35
309	CHEMICAL- WATER	Bore well water	Sodium	IS 3025 Part 45
310	CHEMICAL- WATER	Bore well water	Specific conductance	IS 3025 Part 14
311	CHEMICAL- WATER	Bore well water	Sulphate	IS 3025 Part 24
312	CHEMICAL- WATER	Bore well water	Sulphide	IS 3025 Part 29
313	CHEMICAL- WATER	Bore well water	Taste	IS 3025 part 7
314	CHEMICAL- WATER	Bore well water	Temperature	IS 3025 Part 9
315	CHEMICAL- WATER	Bore well water	Total Acidity as CaCO3	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
316	CHEMICAL- WATER	Bore well water	Total Alkalinity as CaCO3	IS 3025 Part 23
317	CHEMICAL- WATER	Bore well water	Total dissolved solids	IS 3025 Part 16
318	CHEMICAL- WATER	Bore well water	Total Hardness as CaCO3	IS 3025 Part 21
319	CHEMICAL- WATER	Bore well water	Total Solid	IS 3025 Part 15
320	CHEMICAL- WATER	Bore well water	Turbidity	IS 3025 Part 10
321	CHEMICAL- WATER	Drinking Water	Ammonia	IS : 3025 Part -34
322	CHEMICAL- WATER	Drinking Water	Anionic Detergent (as MBAS)	IS : 3025 Part-68
323	CHEMICAL- WATER	Drinking Water	Barium	APHA 3111-B,23rd Edition
324	CHEMICAL- WATER	Drinking Water	Boron	IS :3025 Part 57
325	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 Part 40
326	CHEMICAL- WATER	Drinking Water	Chloramine	IS 3025 Part 26
327	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS : 3025 Part -32
328	CHEMICAL- WATER	Drinking Water	Color	IS :3025 Part -4
329	CHEMICAL- WATER	Drinking Water	Cyanide	IS :3025 Part -27
330	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 Part -14
331	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS : 3025 Part -60
332	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 Part 46
333	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS : 3025 Part - 34
334	CHEMICAL- WATER	Drinking Water	Nitrite	IS 3025 Part -34
335	CHEMICAL- WATER	Drinking Water	Odor	IS : 3025 Part-5
336	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part -11
337	CHEMICAL- WATER	Drinking Water	Phenolic Compounds	IS :3025 Part -43
338	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	IS 3025 Part -31
339	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 Part 45
340	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS : 3025 Part -26
341	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 Part -35
342	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 part 45
343	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS :3025 Part -24
344	CHEMICAL- WATER	Drinking Water	Sulphide	IS : 3025 Part 29
345	CHEMICAL- WATER	Drinking Water	Taste	IS :3025 Part -7

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346	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 Part 9
347	CHEMICAL- WATER	Drinking Water	Total Acidity	IS 3025 Part 22
348	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS : 3025 Part -. 23
349	CHEMICAL- WATER	Drinking Water	Total dissolved solids	IS 3025 Part-16
350	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS : 3025 Part -21
351	CHEMICAL- WATER	Drinking Water	Total Solids	IS :3025 Part -15
352	CHEMICAL- WATER	Drinking Water	Turbidity	IS : 3025 Part -10
353	CHEMICAL- WATER	Packaged Drinking Water	Ammonia	IS 3025 Part 34
354	CHEMICAL- WATER	Packaged Drinking Water	Anionic Detergent	IS 3025 Part 68
355	CHEMICAL- WATER	Packaged Drinking Water	Barium	APHA 3111-B,23rd Edition
356	CHEMICAL- WATER	Packaged Drinking Water	Boron	IS 3025 Part 57
357	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS 3025 Part 40
358	CHEMICAL- WATER	Packaged Drinking Water	Chloramine	IS 3025 Part 26
359	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS 3025 Part 32
360	CHEMICAL- WATER	Packaged Drinking Water	Color	IS 3025 Part 4
361	CHEMICAL- WATER	Packaged Drinking Water	Cyanide	IS 3025 Part 27
362	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	IS 3025 Part 60
363	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	IS 3025 Part 46
364	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	IS 3025 Part 34
365	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS 3025 part 34
366	CHEMICAL- WATER	Packaged Drinking Water	Odor	IS 3025 part 5
367	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 Part 11
368	CHEMICAL- WATER	Packaged Drinking Water	Phenolic compounds	IS 3025 Part 43
369	CHEMICAL- WATER	Packaged Drinking Water	Phosphate as PO4	IS 3025 part 31
370	CHEMICAL- WATER	Packaged Drinking Water	Potassium	IS 3025 Part 45
371	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS 3025 Part 26
372	CHEMICAL- WATER	Packaged Drinking Water	Silica	IS 3025 Part 35
373	CHEMICAL- WATER	Packaged Drinking Water	Sodium	IS 3025 Part 45
374	CHEMICAL- WATER	Packaged Drinking Water	Specific conductance	IS 3025 part 14
375	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	IS 3025 Part 24

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376	CHEMICAL- WATER	Packaged Drinking Water	Sulphide	IS 3025 Part 29
377	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3205 Part 7
378	CHEMICAL- WATER	Packaged Drinking Water	Temperature	IS 3025 Part 9
379	CHEMICAL- WATER	Packaged Drinking Water	Total Acidity	IS 3025 Part 22
380	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity as CaCO3	IS 3025 part 23
381	CHEMICAL- WATER	Packaged Drinking Water	Total dissolved solids	IS 3025 Part 16
382	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS 3025 Part 21
383	CHEMICAL- WATER	Packaged Drinking Water	Total Solid	IS 3025 Part 15
384	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 Part 10
385	CHEMICAL- WATER	Surface water	Ammonia	IS 3025 Part - 34
386	CHEMICAL- WATER	Surface water	Ammonical Nitrogen	APHA 4500-NH3,C, 23rd Edition
387	CHEMICAL- WATER	Surface water	Anionic Detergent	IS 3025 Part 68
388	CHEMICAL- WATER	Surface water	Barium	APHA 3111-B,23rd Edition
389	CHEMICAL- WATER	Surface water	Biochemical oxygen demand for 3 days at 27 degree C	IS 3025 Part 44
390	CHEMICAL- WATER	Surface Water	Boron	IS 3025 Part 57
391	CHEMICAL- WATER	Surface water	Calcium	IS 3025 Part 40
392	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand	APHA 5220-B ,23rd edition
393	CHEMICAL- WATER	Surface water	Chloramine	IS 3025 Part 26
394	CHEMICAL- WATER	Surface water	Chloride	IS 3025 Part 32
395	CHEMICAL- WATER	Surface water	Color	IS 3025 Part 4
396	CHEMICAL- WATER	Surface water	Cyanide	IS 3025 Part -27
397	CHEMICAL- WATER	Surface water	Dissolved Oxygen	APHA 4500 O-B,23rd Edition
398	CHEMICAL- WATER	Surface water	Electrical Conductivity	IS 3025 Part 14
399	CHEMICAL- WATER	Surface water	Fluoride	IS 3025 Part 60
400	CHEMICAL- WATER	Surface water	Magnesium	IS 3205 Part 46
401	CHEMICAL- WATER	Surface water	Nitrate	IS 3025 Part 34
402	CHEMICAL- WATER	Surface water	Nitrite	IS 3025 Part 24
403	CHEMICAL- WATER	Surface water	Odor	IS 3025 part 5
404	CHEMICAL- WATER	Surface water	Oil & Grease	APHA 5520-B,23rd Edition
405	CHEMICAL- WATER	Surface water	pH	IS 3025 Part 11

SCOPE OF ACCREDITATION

Laboratory Name :	ALKOM SYNERGY PVT. LTD., C-212, 2ND FLOOR, SECTOR -10, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9580	**Page No**	20 of 20
Validity	08/06/2021 to 07/06/2023	**Last Amended on**	22/06/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
406	CHEMICAL- WATER	Surface water	Phenolic compounds	IS 3025 Part 43
407	CHEMICAL- WATER	Surface water	Phosphate	IS 3025 Part 31
408	CHEMICAL- WATER	Surface water	Potassium	IS 3025 Part 45
409	CHEMICAL- WATER	Surface water	Residual Free Chlorine	IS 3025 Part 26
410	CHEMICAL- WATER	Surface water	Silica	IS 3025 Part 35
411	CHEMICAL- WATER	Surface water	Sodium	IS 3025 part 45
412	CHEMICAL- WATER	Surface water	Sulphate as SO4	IS 3025 Part 24
413	CHEMICAL- WATER	Surface water	Sulphide	IS 3025 Part 29
414	CHEMICAL- WATER	Surface water	Temperature	IS 3025 Part 9
415	CHEMICAL- WATER	Surface water	Total Acidity	IS 3205 Part 22
416	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	IS 3025 Part 23
417	CHEMICAL- WATER	Surface water	Total dissolved solids	IS 3025 part 16
418	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	IS 3025 Part 21
419	CHEMICAL- WATER	Surface water	Total Kjeldahl Nitrogen	APHA 4500-N ,B, 23rd Edition
420	CHEMICAL- WATER	Surface water	Total Residual Chlorine	APHA 4500 Cl-B,23rd Edition
421	CHEMICAL- WATER	Surface water	Total Solid	IS 3025 Part 15
422	CHEMICAL- WATER	Surface water	Total suspended Solid	APHA 2540-D,23rd Edition
423	CHEMICAL- WATER	Surface water	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.