National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 1 of 22

Validity 04/08/2021 to 03/08/2023 **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 monitoring	Aluminum	U.S EPA Method IO 3.2
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Antimony	U.S EPA Method IO 3.2
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Arsenic	U.S EPA Method IO 3.2
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Barium	U.S EPA Method IO 3.2
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Benzene	IS: 5182 (Part - 11) 2006 RA
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Cadmium	U.S EPA Method IO 3.2
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Calcium	U.S EPA Method 29
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Carbon Monoxide as CO	IS: 5182 (Part 10) : RA 2014
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Chromium	U.S EPA Method 29
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Cobalt	U.S EPA Method 29
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Copper	U.S EPA Method 29
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Lead	IS: 5182 (Part- 22) 2004 RA
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Manganese	U.S EPA Method IO 3.2
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Mercury	U.S EPA Method 29
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Nickel	U.S EPA Method IO 3.2
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	PAH's - Benzo(a) Pyrene (BaP), Particulate phase	IS: 5182 (Part -12) 2004 RA
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	PM 2.5 - Particulate matter (Particle size	IS: 5182 (Part 24)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	PM10-Particulate matter (	IS: 5182 (Part 23) : 2006 RA

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 2 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Silver	U.S EPA Method 29
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Suspended Particulate Matter (SPM)	IS: 5182 (Part 4) : 1999 RA
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Zinc	U.S EPA Method IO 3.2
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise - Ambient	IS: 9989-1981 RA
23	CHEMICAL- ATMOSPHERIC POLLUTION	DG-Noise	DG-Noise	IS 9989 : 1981 RA
24	CHEMICAL- ATMOSPHERIC POLLUTION	Light Intensity	Illumination Light Intensity	BS EN 667
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Acid Mist (H2SO4 Mist & SO3)	U.S EPA Method 8
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Carbon dioxide	U.S EPA Method 3A IO 3.2
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Carbon monoxide as CO	U.S EPA Method 10B
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Emission Rate	IS: 11255 (Part 3) : 2008 RA
29	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Flow Discharge Rate	IS: 11255 (Part 3) : 2008 RA
30	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Non Methane Hydrocarbon as NMHC	EPA Part 1065-365(Part E & F)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Oxygen	U.S EPA Method 3A
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Particulate Matter	IS: 11255 (Part 1) : 1985
33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Stack Temperature	IS: 11255 (Part 3) : 2008 RA
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Stack Velocity	IS: 11255 (Part 3) : 2008 RA
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Sulphur dioxide as SO2	IS: 11255 (Part 2) : 1985 RA
36	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)	Clarity & colour of solution	IP-2018, Vol I 2.4.1 Pg 173
37	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)	Description	IP-2018, Vol I Pg 14

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 3 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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38	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)	Solubility	IP-2018, Vol I,2.4.26, Pg 220
39	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API) : Nadifloxacin	Identification by HPLC	IP-2018,Vol I,2.4.14,Pg 196
40	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API) Atorvastatil	Identification of Ca by AAS	IP-2018,Vol 1, 2.4.2, Pg. 175
41	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)- Citric acid/Disodium edetate/Salicylic acid/Lactose	Infra Red Absorption (Identification)	IP-2018 Vol I, 2.4.6, Pg 178
42	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Calcium carbonate	Chemical Reaction (Identification)-Calcium salts	IP-2018,Vol I,2.3.1,Pg 130
43	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Calcium carbonate	Chemical Reaction (Identification)-Carbonates	IP 2018,Vol I,2.3.1,Pg 131
44	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Citric acid	Chemical Reaction (Identification)-Citrates	IP-2018,Vol I,2.3.1,Pg 131
45	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Citric acid/Lactose	Water by KF Titration	IP-2018 Vol I, 2.3.43, Pg 156
46	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Coconut oil / Castor oil / Arachis oil	Acid Value	IP-2018 Vol I, 2.3.23, Pg 142
47	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Cyanocobalamin	Identification by TLC	IP-2018,Vol I,2.4.17,Pg 204
48	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Disodium edetate	pH	IP-2018 Vol I, 2.4.24, Pg 215
49	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Dried Ferrous sulphate	Chemical Reaction (Identification)-Sulphates	IP-2018,Vol I,2.3.1,Pg 134
50	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Dried Ferrous sulphate	Lead	IP-2018 Vol I, 2.3.15, Pg 139
51	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Glacial Acetic acid / Salicylic acid	Heavy metals	IP-2018 Vol I, 2.3.13, Pg 139
52	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Glacial Acetic acid / Calcium carbonate /Sodium bicarbonate / Citric acid /Potassium chloride Salicylic acid	Chloride	IP-2018 Vol I, 2.3.12, Pg 138
53	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Glacial Acetic acid/Sodium chloride/Calcium carbonate/Sodium bicarbonate/Citric acid/ Potassium chloride/Salicylic acid	Sulphates	IP-2018 Vol I, 2.3.17 Pg 140
54	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Glacial Acetic acid/Sodium chloride/Calcium carbonate/Sodium bicarbonate/Citric acid/Potassium chloride/ Salicylic acid/Disodium edetate	Iron	IP-2018 Vol I, 2.3.14 Pg 139
55	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Potassium chloride	Chemical Reaction (Identification)-Potassium salts	IP-2018,Vol I,2.3.1,Pg 134

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 4 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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56	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Salicylic acid	Melting Range or Temperature	IP-2018 Vol I, 2.4.21, Pg 209
57	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Sodium bicarbonate	Chemical Reaction (Identification)-Bicarbonates	IP-2018,Vol I,2.3.1,Pg 130
58	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Sodium chloride	Chemical Reaction (Identification)-Chlorides	IP-2018,Vol I,2.3.1,Pg 131
59	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Sodium chloride /Sodium bicarbonate / Disodium edetate	Chemical Reaction (Identification)-Sodium salts	IP 2018,Vol I,2.3.1,Pg 134
60	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Material (API)-Sucrose/Citric acid	Sulphated Ash	IP-2018 Vol I, 2.3.18, Pg 140
61	CHEMICAL- DRUGS & PHARMACEUTICALS	Raw Materials (API)-Sodium chloride/Calcium carbonate/Potassium chloride/Salicylic acid/ Cyanocobalamin	Loss on drying	IP-2018 Vol I, 2.4.19, Pg 208
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Ash insoluble in dil HCl on dry basis	IS 1797
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Moisture	IS 1797
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum(Lal Mirchi) – powder and whole	Total Ash on dry basis	IS 1797
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Moisture	IS 1797
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Non volatile ether extract on dry basis	IS 1797
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Total Ash on dry basis	IS 1797
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper Black & White – Powder and Whole	Volatile oil content on dry basis	IS 1797
69	CHEMICAL- GASES	Bio Gas	Carbon dioxide (CO_2)	IS 15130 (Part 3)
70	CHEMICAL- GASES	Bio Gas	Methane (CH_4)	IS 15130 (Part 3)
71	CHEMICAL- GASES	Bio Gas	Moisture Content	IS 15641 (Part 2)
72	CHEMICAL- GASES	Bio Gas	Oxygen	IS 15130 (Part 3)
73	CHEMICAL- GASES	Carbon dioxide gas	Acid & SO_2	IS 307 : 1966 RA

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 5 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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74	CHEMICAL- GASES	Carbon dioxide gas	Arsenic	IS 307 : 1966 RA
75	CHEMICAL- GASES	Carbon dioxide gas	Carbon monoxide	IS 307 : 1966 RA
76	CHEMICAL- GASES	Carbon dioxide gas	Moisture	IS 307 : 1966 RA
77	CHEMICAL- GASES	Carbon dioxide gas	Oil Content	IS 307 : 1966 RA
78	CHEMICAL- GASES	Carbon dioxide gas	Phosphine and H2S	IS 307 : 1966 RA
79	CHEMICAL- GASES	Carbon dioxide gas	Purity of CO2	IS 307 : 1966 RA
80	CHEMICAL- GASES	Compressed Air	Carbon dioxide	ISO 8573 - 6
81	CHEMICAL- GASES	Compressed Air	Carbon monoxide	ISO 8573 - 6
82	CHEMICAL- GASES	Compressed Air	Dew Point	ISO 8573-3
83	CHEMICAL- GASES	Compressed Air	Hydrocarbons	ISO 8573-6
84	CHEMICAL- GASES	Compressed Air	Moisture	ISO: 8573-9
85	CHEMICAL- GASES	Compressed Air	Nitrogen dioxide	ISO 8573-6
86	CHEMICAL- GASES	Compressed Air	Oil Mist Content	ISO 8573-2
87	CHEMICAL- GASES	Compressed Air	Oxygen	ISO: 8573-6
88	CHEMICAL- GASES	Compressed Air	Solid Particle Content by mass concentration	ISO: 8573-8
89	CHEMICAL- GASES	Compressed Air	Solid Particle Size	ISO: 8573-4
90	CHEMICAL- GASES	Compressed Air	Sulphur dioxide	ISO 8573-6
91	CHEMICAL- GASES	Hydrogen Gas	Carbon dioxide	IS 1090 : 2002 RA
92	CHEMICAL- GASES	Hydrogen Gas	Carbon monoxide	IS 1090 : 2002 RA
93	CHEMICAL- GASES	Hydrogen Gas	H2	IS 1090:2002 RA
94	CHEMICAL- GASES	Hydrogen Gas	Hydrocarbons	IS 1090:2002 RA
95	CHEMICAL- GASES	Hydrogen Gas	Mercury	IS 1090:2002 RA
96	CHEMICAL- GASES	Hydrogen Gas	Nitrogen	IS 1090:2002 RA
97	CHEMICAL- GASES	Hydrogen Gas	Oxygen	IS 1090:2002 RA
98	CHEMICAL- GASES	Hydrogen Gas	Water Vapour	IS 1090:2002 RA
99	CHEMICAL- GASES	Nitrogen gas	Carbon dioxide	Ph.Eur 10th Edtn. & USP 43, NF-38
100	CHEMICAL- GASES	Nitrogen gas	Carbon monoxide	Ph.Eur 10th Edtn. & USP-43, NF-38
101	CHEMICAL- GASES	Nitrogen gas	Identification-A	Ph.Eur 10th Edtn. & USP-43, NF-38

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 6 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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102	CHEMICAL- GASES	Nitrogen gas	Identification-B, Chemical test	Ph.Eur 10th Edtn. & USP-43, NF-38
103	CHEMICAL- GASES	Nitrogen gas	Identification-C, Chemical test	Ph.Eur 10th Edtn. & USP-43, NF-38
104	CHEMICAL- GASES	Nitrogen gas	N2	Ph.Eur 10th Edtn. & USP-43, NF-38
105	CHEMICAL- GASES	Nitrogen gas	Oxygen	Ph.Eur 10th Edtn. & USP-43, NF-38
106	CHEMICAL- GASES	Nitrogen gas	Solubility	Ph.Eur 10th Edtn. & USP-43, NF-38
107	CHEMICAL- GASES	Nitrogen gas	Water vapour	Ph.Eur 10th Edtn. & USP-43, NF-38
108	CHEMICAL- GASES	Oxygen Gas	Carbon dioxide	IS 309 : 2005,RA
109	CHEMICAL- GASES	Oxygen Gas	Carbon monoxide	IS 309 : 2005 RA
110	CHEMICAL- GASES	Oxygen Gas	Dew Point	IS 309 : 2005 RA
111	CHEMICAL- GASES	Oxygen Gas	Hydrocarbons	IS 309 : 2005 RA
112	CHEMICAL- GASES	Oxygen Gas	O2	IS 309 : 2005
113	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Barometric Pressure	ASTM D-7138-08d
114	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Cloud Cover	ASTM D-7138-08d
115	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Humidity	ASTM D-7138-08d
116	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Rain Fall (Aerodynamic tipping bucket rain Gauge)	ASTM D-7138-08d
117	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Temperature	ASTM D-7138-08d
118	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Wind Direction	ASTMD- 7138 - 08d
119	CHEMICAL- POLLUTION & ENVIRONMENT	Metrlogical Parameters	Wind Velocity	ASTM D-7138-08d
120	CHEMICAL- POLLUTION & ENVIRONMENT	Pure Steam	Dryness Fraction	EN-285
121	CHEMICAL- POLLUTION & ENVIRONMENT	Pure Steam	Non-Condensable Gases	EN-285
122	CHEMICAL- POLLUTION & ENVIRONMENT	Pure Steam	Super Heat Value	EN-285

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 7 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity @ 25°C	IS: 14767 : 2000 RA
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720(Part 22):1972 RA
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS: 2720 (Part 26) : 1987 RA
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity as CaCO3	IS: 3025 (Part 22) : 1986 RA
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen NH3	IS: 3025 (Part 34) : 1988 RA
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand, BOD (3 Days)	IS: 3025 (Part 44) : 1993 RA
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand, BOD (5 days)	APHA 23rd Edition 5210 B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand COD	IS: 3025 (Part 58) : 2006 RA
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	IS: 3025 (Part 32) : 1988 RA
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorine Residual	IS: 3025 (Part 26) : 2004 RA
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	IS: 3025 (Part 4) : 1983 RA
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS: 3025 (Part 14) : 2013 RA
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Dissolved Solids	IS: 3025 (Part 18) : 1984 RA
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mixed Liquor Suspended Solids	IS: 3025 (Part 18) : 1984 RA:2017/ APHA 23rd Edition 2540-E
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odour	IS: 3025 (Part 6)
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS: 3025 (Part 39) : 1991 RA
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oxygen Absorbed in 4 hrs	IS: 3025 (Part 63) : 2007 RA
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS: 3025 (Part 11) : 1983 RA

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 8 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sludge Volume Index,SVI	APHA 23rd Edition 2710-D
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio	IS: 11624
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	Is: 3025 (Part 9):1984 RA
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity as CaCO3	IS: 3052 (Part 23) : 1986 RA
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	IS: 3025 (Part 16) : 1984 RA
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	IS: 3025 (Part 21) : 2009 RA
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldhal Nitrogen	IS: 3025 (Part 34) : 1988 RA
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS: 3025 (Part 17) : 1984 RA
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	IS: 3025 (Part 10): 1984 RA
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	IS: 3025 (Part 18): 1984 RA
151	CHEMICAL- RESIDUES IN WATER	Borewell Water	Arsenic	IS:3025 (Part 37) 1988, RA 2019
152	CHEMICAL- RESIDUES IN WATER	Borewell Water	Boron as B	IS: 3025 (Part 57) : 2005 RA : 2017
153	CHEMICAL- RESIDUES IN WATER	Borewell Water	Calcium as Ca	IS: 3025 (Part 40) : 1991 RA : 2019
154	CHEMICAL- RESIDUES IN WATER	Borewell Water	Copper	IS: 3025 (Part 65) 2014, RA 2019
155	CHEMICAL- RESIDUES IN WATER	Borewell Water	Iron as Fe	IS: 3025 (Part 53) : 2003 RA : 20219
156	CHEMICAL- RESIDUES IN WATER	Borewell Water	Lead	IS: 3025 (Part 65) 2014, RA 2019
157	CHEMICAL- RESIDUES IN WATER	Borewell Water	Magnesium as Mg	IS: 3025 (Part 46) : 1992 RA : 2019
158	CHEMICAL- RESIDUES IN WATER	Borewell Water	Manganese	IS: 3025 (Part 65) 2014, RA 2019
159	CHEMICAL- RESIDUES IN WATER	Borewell Water	Mercury	IS: 3025 (Part 65) 2014, RA 2019

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 9 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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160	CHEMICAL- RESIDUES IN WATER	Borewell Water	Molybdenum	IS: 3025 (Part 65) 2014, RA 2019
161	CHEMICAL- RESIDUES IN WATER	Borewell Water	Nickel	IS: 3025 (Part 65) 2014, RA 2019
162	CHEMICAL- RESIDUES IN WATER	Borewell Water	Sodium	IS: 11624
163	CHEMICAL- RESIDUES IN WATER	Borewell water	Zinc	IS: 3025 (Part 65) 2014, RA 2019
164	CHEMICAL- RESIDUES IN WATER	Drinking water	Arsenic	IS: 3025 (Part 37)1988, RA 2019
165	CHEMICAL- RESIDUES IN WATER	Drinking water	Boron	IS 3025 (P-57):2005
166	CHEMICAL- RESIDUES IN WATER	Drinking water	Calcium as Ca	IS 3025(Part 40): 1991
167	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper	IS: 3025 (Part 42) 1992, RA:2019
168	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron as Fe	IS 3025 (P-53): 2003
169	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead	IS: 3025 (Part 65) 2014, RA 2019
170	CHEMICAL- RESIDUES IN WATER	Drinking water	Magnesium as Mg	IS 3025 (Part 46)
171	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese	IS: 3025 (Part 65) 2014, RA: 2019
172	CHEMICAL- RESIDUES IN WATER	Drinking water	Mercury	IS: 3025 (Part 65) 2014, RA 2019
173	CHEMICAL- RESIDUES IN WATER	Drinking water	Molybdenum	IS: 3025 (Part 65) 2014, RA 2019
174	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel	IS: 3025 (Part 65) 2014, RA: 2019
175	CHEMICAL- RESIDUES IN WATER	Drinking water	Potassium	IS:3025 (Part 45) 1993 RA
176	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc	IS: 3025 (Part 65) 2014, RA: 2019
177	CHEMICAL- RESIDUES IN WATER	Ground water	Arsenic	IS:3025 (Part 37)1988, RA
178	CHEMICAL- RESIDUES IN WATER	Ground water	Boron as B	IS: 3025 (Part 57): 2005 RA: 2017

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 10 of 22

Validity 04/08/2021 to 03/08/2023 **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
179	CHEMICAL- RESIDUES IN WATER	Ground water	Calcium as Ca	IS: 3025 (Part 40) : 1991 RA:2019
180	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper	IS: 3025 (Part 65) 2014, RA 2019
181	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron as Fe	IS: 3025 (Part 53) : 2003 RA : 2019
182	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead	IS: 3025 (Part 65) 2014, RA 2019
183	CHEMICAL- RESIDUES IN WATER	Ground Water	Magnesium as Mg	IS: 3025 (Part 46) : 1994 RA: 2019
184	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese	IS: 3025 (Part 65) 2014, RA 2019
185	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury	IS: 3025 (Part 65) 2014, RA 2019
186	CHEMICAL- RESIDUES IN WATER	Ground Water	Molybdenum	IS: 3025 (Part 65) 2014, RA 2019
187	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel	IS: 3025 (Part 65) 2014, RA 2019
188	CHEMICAL- RESIDUES IN WATER	Ground Water	Potassium	IS: 3025 (Part - 45) : 1993 RA
189	CHEMICAL- RESIDUES IN WATER	Ground Water	Sodium	IS: 3025 (Part - 45) : 1993 RA
190	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc	IS: 3025 (Part 65) 2014, RA 2019
191	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Calcium as Ca	IS: 3025 (Part 40) : 1991 RA
192	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Magnesium as Mg	IS: 3025 (Part 46) : 1994 RA
193	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Potassium as K	IS: 3025 (Part 45) : 1993 RA
194	CHEMICAL- RESIDUES IN WATER	Irrigation Water	Sodium as Na	IS: 3025 (Part 45) : 1993 RA
195	CHEMICAL- RESIDUES IN WATER	Surface water	Arsenic	IS: 3025 (Part 37) 1988, RA
196	CHEMICAL- RESIDUES IN WATER	Surface water	Boron as B	IS: 3025 (Part 57) : 2005 RA : 2017
197	CHEMICAL- RESIDUES IN WATER	Surface water	Calcium as Ca	IS: 3025 (Part 40) : 1991 RA : 2019

SCOPE OF ACCREDITATION

Laboratory Name :	CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9735	**Page No**	11 of 22
Validity	04/08/2021 to 03/08/2023	**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
198	CHEMICAL- RESIDUES IN WATER	Surface water	Copper	IS: 3025 (Part 65) 2014, RA 2019
199	CHEMICAL- RESIDUES IN WATER	Surface water	Iron as Fe	IS: 3025 (Part 53) : 2003 RA : 2019
200	CHEMICAL- RESIDUES IN WATER	Surface water	Lead	IS: 3025 (Part 65) 2014, RA 2019
201	CHEMICAL- RESIDUES IN WATER	Surface water	Magnesium as Mg	IS: 3025 (Part 46) : 1994 RA : 2019
202	CHEMICAL- RESIDUES IN WATER	Surface water	Manganese	IS: 3025 (Part 65) 2014, RA 2019
203	CHEMICAL- RESIDUES IN WATER	Surface water	Mercury	IS: 3025 (Part 65) 2014, RA 2019
204	CHEMICAL- RESIDUES IN WATER	Surface water	Molybdenum	IS: 3025 (Part 65) 2014, RA 2019
205	CHEMICAL- RESIDUES IN WATER	Surface water	Nickel	IS: 3025 (Part 65) 2014, RA 2019
206	CHEMICAL- RESIDUES IN WATER	Surface water	Potassium	IS: 3025 (Part - 45) : 1993 RA
207	CHEMICAL- RESIDUES IN WATER	Surface water	Sodium	IS: 3025 (Part - 45) : 1993 RA
208	CHEMICAL- RESIDUES IN WATER	Surface water	Zinc	IS: 3025 (Part 65) 2014, RA 2019
209	CHEMICAL- RESIDUES IN WATER	Waste water	Calcium as Ca	IS: 3025 (Part 40) : 1991 RA
210	CHEMICAL- WATER	Borewell Water	Ammonical Nitrogen NH3-N	IS:3025 (Part 34) : 1988 RA : 2019 / APHA 23rd Edition 4500 NH3, B, C
211	CHEMICAL- WATER	Borewell Water	Bicarbonate as HCO3	IS: 3025 (Part 51) : 2001 RA : 2017 / APHA 23rd Edition 4500-B, B
212	CHEMICAL- WATER	Borewell Water	Chloride as Cl	IS: 3025 (Part 32) : 1988 RA : 2019 / APHA 23rd Edition 4500-Cl, B
213	CHEMICAL- WATER	Borewell Water	Chlorine Residual	IS: 3025 (Part 26) : 2004 RA : 2019 / APHA 23rd Edition 4500-Cl, B
214	CHEMICAL- WATER	Borewell Water	Colour	IS: 3025 (Part 4) : 1983 RA : 2017 / APHA 23rd Edition 2120, B

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 12 of 22

Validity 04/08/2021 to 03/08/2023 **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
215	CHEMICAL- WATER	Borewell Water	Conductivity @ 25 degree	IS: 3025 (Part 14) : 2013 RA
216	CHEMICAL- WATER	Borewell Water	Dissolved Oxygen	IS: 3025 (Part 38) : 1989 RA : 2019 / APHA 23rd Edition 4500-O, C
217	CHEMICAL- WATER	Borewell Water	Fixed Dissolved Solids	IS: 3025 (Part 18) : 1984 RA : 2017 / APHA 23rd Edition 2540
218	CHEMICAL- WATER	Borewell Water	Odour	IS: 3025 (Part 6) / APHA 23rd Edition 2150 B
219	CHEMICAL- WATER	Borewell Water	Oil & Grease	IS: 3025 (Part 39) : 1991 RA : 2019 / APHA 23rd Edition 5520, D
220	CHEMICAL- WATER	Borewell Water	pH @ 25°C	IS: 3025 (Part 11) : 1983 RA
221	CHEMICAL- WATER	Borewell Water	Potassium	IS: 3025 (Part - 45) : 1993, RA
222	CHEMICAL- WATER	Borewell Water	Residual Sodium Carbonate	IS: 11624
223	CHEMICAL- WATER	Borewell Water	Sodium Absorption Ratio	IS: 11624
224	CHEMICAL- WATER	Borewell Water	Temperature	IS: 3035 (Part 9) : 1984 RA : 2017 / APHA 23rd Edition 2550, B
225	CHEMICAL- WATER	Borewell Water	Total Acidity as CaCO3	IS: 3025 (Part 22) : 1986 RA : 2019 / APHA 23rd Edition 2310, B
226	CHEMICAL- WATER	Borewell Water	Total Alkalinity as CaCO3	IS: 3025 (Part 23) : 1986 RA : 2019 / APHA 23rd Edition 2320, B
227	CHEMICAL- WATER	Borewell Water	Total Dissolved Solids	IS: 3025 (Part 16) : 1984 RA : 2017 / APHA 23rd Edition 2540, C
228	CHEMICAL- WATER	Borewell Water	Total Hardness as CaCO3	IS: 3025 (Part 21) : 2009 RA : 2019 / APHA 23rd Edition 2340, C
229	CHEMICAL- WATER	Borewell Water	Total Solids	IS: 3025 (Part 15) : 1984 RA : 2019 / APHA 23rd Edition 2540, B
230	CHEMICAL- WATER	Borewell Water	Total Suspended Solids	IS: 3025 (Part 17) : 1984 RA : 2017 / APHA 23rd Edition 2540, D
231	CHEMICAL- WATER	Borewell Water	Turbidity	IS: 3025 (Part 10) : 1984 RA : 2017 / APHA 23rd Edition 2130, B

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 13 of 22

Validity 04/08/2021 to 03/08/2023 **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
232	CHEMICAL- WATER	Borewell Water	Volatile Solids	IS: 3025 (Part 18) : 1984 RA : 2017 / APHA 23rd Edition 2540
233	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
234	CHEMICAL- WATER	Construction Water	Inorganic Solids	IS 3025 (Part 18)
235	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025 (Part 18)
236	CHEMICAL- WATER	Construction Water	pH @ 25 degree	IS 3025 (Part 11)
237	CHEMICAL- WATER	Construction Water	Suspended Solids	IS 3025 (Part 17)
238	CHEMICAL- WATER	Construction Water	To neutralize 200 ml of sample should not require more than 10 ml of 0.1N HCl using methyl orange as an indicator.	IS 3025 (Part 23)
239	CHEMICAL- WATER	Construction Water	To neutralize 200 ml sample of water should not require more than 2 ml of 0.1N NaOH	IS 3025 (Part 22)
240	CHEMICAL- WATER	Construction Water	Total Hardness	IS 3025 (Part 21)
241	CHEMICAL- WATER	Distilled Water	Colour retention of KMnO4, @ 27 ± 2 °C	IS 1070 : 1992 (Annex A) RA
242	CHEMICAL- WATER	Distilled Water	Conductivity @ 25°C	IS: 3025 (Part 16) : 1984 RA : 2017 / APHA 23rd Edition 2510, B
243	CHEMICAL- WATER	Distilled Water	pH @ 25°C	IS: 3025 (Part 11) : 1983 RA : 2017 / APHA 23rd Edition 4500H+, B
244	CHEMICAL- WATER	Distilled Water	Total Dissolved Solids	IS: 3025 (Part 16) : 1984 RA : 2017 / APHA 23rd Edition 2540, C
245	CHEMICAL- WATER	Distilled Water	Total Solids	IS: 3025 (Part 15) : 1984 RA : 2019 / APHA 23rd Edition 2540, B
246	CHEMICAL- WATER	Distilled Water	Total Suspended Solids	IS: 3025 (Part 17) : 1984 RA : 2017 / APHA 23rd Edition 2540, D
247	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025 (Part 22): 1986/ APHA 23rd Edition 2310B
248	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3-N	IS 3025 (Part 34): 1988/ APHA 23rd Edition 4500-NH3, B, C
249	CHEMICAL- WATER	Drinking Water	Bicarbonate as HCO3	IS 3025 P-23:1986/ APHA 23rd Edition 2320 B

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 14 of 22

Validity 04/08/2021 to 03/08/2023 **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	Drinking Water	Carbonate as CO3	IS 3025 P-23:1986/ APHA 23rd Edition 2320B
251	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32):1988/ APHA 23rd Edition 4500-Cl,B
252	CHEMICAL- WATER	Drinking Water	Chlorine Residual	IS 3025 (Part 26): 1986/ APHA 23rd Edition 4500-Cl,B
253	CHEMICAL- WATER	Drinking Water	Colour	IS 3025(Part 4): 1983/ APHA 23rd Edition 2120 B
254	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
255	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part 38):1989/ APHA 23rd Edition 4500-O, C
256	CHEMICAL- WATER	Drinking Water	Fixed Dissolved Solids	IS 3025(Part-18)1984/APHA 23rd Edition 2540
257	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5): 2018/ APHA 23rd Edition 2150 B
258	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
259	CHEMICAL- WATER	Drinking Water	Residual Sodium Carbonate	IS 11624
260	CHEMICAL- WATER	Drinking Water	Sodium Absorption Ratio	IS 11624
261	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9): 1984/ APHA 23rd Edition 2550 B
262	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23) :1986/ APHA 23rd Edition 2320 B
263	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23):1986 RA 2019, APHA 23rd Edition 2320 B
264	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 15) :1984 RA 2019, APHA 23rd Edition 2540 C
265	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21):2009,RA 2019/,APHA 23rd Edition 2340 C
266	CHEMICAL- WATER	Drinking Water	Total Solids	IS 3025 (Part 15):1984 RA 2019, APHA 23rd Edition 2540 B
267	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part 15), APHA 23rd Edition 2540 D
268	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10), APHA 23rd Edition 2130 B

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 15 of 22

Validity 04/08/2021 to 03/08/2023 **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
269	CHEMICAL- WATER	Drinking Water	Volatile Solids	IS 3025 (P-18): 1984/ APHA 23rd Edition 2540
270	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	IS: 3025 (Part 22) : 1986 RA : 2019 /APHA 23rd Edition 2310 B
271	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen NH3 as N	IS: 3025 (Part 34): 1988 RA : 2019 / APHA 23rd Edition 4500-NH3, B, C
272	CHEMICAL- WATER	Ground Water	Bicarbonate as HCO3	IS: 3025 (Part 34): 2001 RA: 2017 / APHA 23rd Edition 2320, B
273	CHEMICAL- WATER	Ground Water	Carbonate as CO3	IS: 3025 (Part 23) : 1986 RA: 2017 / APHA 23rd Edition 2320B
274	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS: 3025 (Part 32) : 1988 RA:2019 / APHA 23rd Edition 4500 Cl, B
275	CHEMICAL- WATER	Ground Water	Chlorine Residual	IS: 3025 (Part 26) : 2004 RA: 2019 / APHA 23rd Edition 4500 Cl, B
276	CHEMICAL- WATER	Ground Water	Colour	IS: 3025 (Part 4): 1983 RA 2017 / APHA 23rd Edition 2120 B
277	CHEMICAL- WATER	Ground Water	Conductivity @ 25 degree	IS: 3025 (Part 14) : 2013 RA
278	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS: 3025 (Part 38) : 1989 RA:2019 / APHA 23rd Edition 4500-O, C
279	CHEMICAL- WATER	Ground Water	Fixed Dissolved Solids	IS: 3025 (Part 18) : 1984 RA: 2017 / APHA 23rd Edition 2540
280	CHEMICAL- WATER	Ground Water	Odour	is: 3025 (Part 6) : 2018 / APHA 23rd Edition 2150 B
281	CHEMICAL- WATER	Ground Water	Oil & Grease	IS: 3025 (Part 39) : 1991 RA: 2019 / APHA 23rd Edition 5520, D
282	CHEMICAL- WATER	Ground Water	Percentage of Sodium	IS: 11624
283	CHEMICAL- WATER	Ground Water	pH @ 25°C	IS: 3025 (Part 11): 1983 RA
284	CHEMICAL- WATER	Ground Water	Residual Sodium Carbonate	IS: 11624
285	CHEMICAL- WATER	Ground Water	Sodium Absorption Ratio	IS: 11624

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 16 of 22

Validity 04/08/2021 to 03/08/2023 **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
286	CHEMICAL- WATER	Ground Water	Temperature	IS: 3025 (Part 9) : 1984 RA : 2017 / APHA 23rd Edition 2550, B
287	CHEMICAL- WATER	Ground Water	Total Acidity	IS: 3025 (Part 22) 1986 RA : 2019 / APHA 23rd Edition 2310, B
288	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS: 3025 (Part 23) : 1986 RA: 2019 / APHA 23rd Edition 2320 B
289	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS: 3025 (Part 15): 1984 RA : 2017 / APHA 23rd Edition 2540 C
290	CHEMICAL- WATER	Ground Water	Total Hardness as CaCo3	IS : 3025 (Part 21) : 2009 RA : 2019 / APHA 23rd Edition 2340, C
291	CHEMICAL- WATER	Ground Water	Total Solids	IS: 3025 (Part 15) : 1984 RA: 2019 /APHA 23rd Edition 2540 B
292	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS: 3025 (Part 17) : 1984 RA : 2017 / APHA 23rd Edition 2540, D
293	CHEMICAL- WATER	Ground Water	Turbidity	IS: 3025 (Part 10) : 1984 RA 2017 / APHA 23rd Edition 2130 B
294	CHEMICAL- WATER	Ground Water	Volatile Solids	IS: 3025 (Part 18) : 1984 RA : 2017 / APHA 23rd Edition 2540
295	CHEMICAL- WATER	Irrigation Water	Acidity as CaCO3	IS: 3025 (Part 22) : 1986 RA
296	CHEMICAL- WATER	Irrigation Water	Chloride as Cl	IS: 3025 (Part 32) : 1988 RA
297	CHEMICAL- WATER	Irrigation Water	Colour	IS: 3025 (Part 4) : 1983 RA
298	CHEMICAL- WATER	Irrigation Water	Conductivity @ 25°C	IS: 3025 (Part 14) : 2013 RA
299	CHEMICAL- WATER	Irrigation Water	pH @ 25°C	IS: 3025 (Part 11) : 1983 RA
300	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	IS: 3025 (Part 23) : 1986 RA
301	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	IS: 3025 (Part 21) : 2019 RA
302	CHEMICAL- WATER	Irrigation Water	Total Suspended Solids	IS: 3025 (Part 17) : 1984 RA
303	CHEMICAL- WATER	Irrigation Water	Turbidity	IS: 3025 (Part 10) : 1984 RA
304	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3-N	IS: 3025 (Part 34) : 1988 RA : 2019 / APHA 23rd Edition 4500-NH3, B, C

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 17 of 22

Validity 04/08/2021 to 03/08/2023 **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
305	CHEMICAL- WATER	Surface Water	Bicarbonate as HCO3	IS: 3025 (Part 51) : 2001 RA : 2017 / APHA 23rd Edition 2320, B
306	CHEMICAL- WATER	Surface Water	Carbonate as CO3	IS: 3025 (Part 51) : 2001 RA : 2017 / APHA 23rd Edition 2320, B
307	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS: 3025 (Part 32) : 1988 RA : 2019 / APHA 23rd Edition 4500-Cl, B
308	CHEMICAL- WATER	Surface Water	Chlorine Residual	IS: 3025 (Part 26) : 2004 RA : 2019 / APHA 23rd Edition 4500-Cl,B
309	CHEMICAL- WATER	Surface Water	Colour	IS: 3025 (Part 4) : 1983 RA : 2017 / APHA 23rd Edition 2120, B
310	CHEMICAL- WATER	Surface Water	Conductivity @ 25°C	IS: 3025 (Part 14) : 2013 RA
311	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS: 3025 (Part 38) :1989 RA : 2019 / APHA 23rd Edition 4500-O, C
312	CHEMICAL- WATER	Surface Water	Fixed Dissolved Solids	IS: 3025 (Part 18) : 1984 RA : 2017 / APHA 23rd Edition 2540
313	CHEMICAL- WATER	Surface Water	Odour	IS: 3025 (Part 6) : 2018 / APHA 23rd Edition 2150 B
314	CHEMICAL- WATER	Surface Water	Oil & Grease	IS: 3025 (Part 39) : 1991 RA : 2019 / APHA 23rd Edition 5520, D
315	CHEMICAL- WATER	Surface Water	pH @ 25°C	IS: 3025 (Part 11) : 1983 RA
316	CHEMICAL- WATER	Surface Water	Residual sodium Carbonate	IS: 11624
317	CHEMICAL- WATER	Surface Water	Sodium Absorption Ratio	IS: 11624
318	CHEMICAL- WATER	Surface Water	Temperature	IS: 3025 (Part 9) : 1984 RA : 2017 / APHA 23rd Edition 2550, B
319	CHEMICAL- WATER	Surface Water	Total Acidity as CaCO3	IS: 3025 (Part 22) : 1986 RA : 2019 / APHA 23rd Edition 2310, B
320	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS: 3025 (Part 23) : 1986 RA : 2019 / APHA 23rd Edition 2320, B

SCOPE OF ACCREDITATION

Laboratory Name :	CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9735	**Page No**	18 of 22
Validity	04/08/2021 to 03/08/2023	**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
321	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS: 3025 (Part 16) : 1984 RA : 2017 / APHA 23rd Edition 2540, C
322	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS: 3025 (Part 21) : 2009 RA : 2019 / APHA 23rd Edition 2340, C
323	CHEMICAL- WATER	Surface Water	Total Solids	IS: 3025 (Part 15) : 1984 RA : 2017 / APHA 23rd Edition 2540, B
324	CHEMICAL- WATER	Surface Water	Volatile Solids	IS: 3025 (Part 18) : 1984 RA : 2017 / APHA 23rd Edition 2540

SCOPE OF ACCREDITATION

Laboratory Name : CHARITON RESEARCH INSTITUTE PRIVATE LIMITED, NO.67/3, 1ST FLOOR , INDUSTRIAL SUBURB, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9735 **Page No** 19 of 22

Validity 04/08/2021 to 03/08/2023 **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
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Aluminum	U.S EPA Method IO 3.2
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Antimony	U.S EPA Method IO 3.2
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Arsenic	U.S EPA Method IO 3.2
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Barium	U.S EPA Method IO 3.2
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Benzene	IS: 5182 (Part - 11) 2006 RA
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Cadmium	U.S EPA Method IO 3.2
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Calcium	U.S EPA Method 29
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Carbon Monoxide as CO	IS: 5182 (Part 10) : RA 2014
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Chromium	U.S EPA Method 29
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Cobalt	U.S EPA Method 29
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Copper	U.S EPA Method 29
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Lead	IS: 5182 (Part- 22) 2004 RA
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Manganese	U.S EPA Method IO 3.2
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Mercury	U.S EPA Method 29
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Nickel	U.S EPA Method IO 3.2
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	PAH's - Benzo(a) Pyrene (BaP), Particulate phase	IS: 5182 (Part -12) 2004 RA
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	PM 2.5 - Particulate matter (Particle size	IS: 5182 (Part 24)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	PM10-Particulate matter (	IS: 5182 (Part 23) : 2006 RA

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-9735
Validity	04/08/2021 to 03/08/2023

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
19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Silver	U.S EPA Method 29
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Suspended Particulate Matter (SPM)	IS: 5182 (Part 4) : 1999 RA
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air monitoring	Zinc	U.S EPA Method IO 3.2
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise - Ambient	IS: 9989-1981 RA
23	CHEMICAL- ATMOSPHERIC POLLUTION	DG-Noise	DG-Noise	IS 9989 : 1981 RA
24	CHEMICAL- ATMOSPHERIC POLLUTION	Light Intensity	Illumination Light Intensity	BS EN 667
25	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Acid Mist (H2SO4 Mist & SO3)	U.S EPA Method 8
26	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Carbon dioxide	U.S EPA Method 3A IO 3.2
27	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Carbon monoxide as CO	U.S EPA Method 10B
28	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Emission Rate	IS: 11255 (Part 3) : 2008 RA
29	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Flow Discharge Rate	IS: 11255 (Part 3) : 2008 RA
30	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Non Methane Hydrocarbon as NMHC	EPA Part 1065-365(Part E & F)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Oxygen	U.S EPA Method 3A
32	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Particulate Matter	IS: 11255 (Part 1) : 1985
33	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Stack Temperature	IS: 11255 (Part 3) : 2008 RA
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Stack Velocity	IS: 11255 (Part 3) : 2008 RA
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Monitoring	Sulphur dioxide as SO2	IS: 11255 (Part 2) : 1985 RA
36	CHEMICAL- GASES	Bio Gas	Carbon dioxide (CO2)	IS 15130 (Part 3)
37	CHEMICAL- GASES	Bio Gas	Methane (CH4)	IS 15130 (Part 3)
38	CHEMICAL- GASES	Bio Gas	Moisture Content	IS 15641 (Part 2)

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Certificate Number TC-9735 **Page No** 21 of 22

Validity 04/08/2021 to 03/08/2023 **Last Amended on** -

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39	CHEMICAL- GASES	Bio Gas	Oxygen	IS 15130 (Part 3)
40	CHEMICAL- GASES	Carbon dioxide gas	Acid & SO2	IS 307 : 1966 RA
41	CHEMICAL- GASES	Carbon dioxide gas	Arsenic	IS 307 : 1966 RA
42	CHEMICAL- GASES	Carbon dioxide gas	Carbon monoxide	IS 307 : 1966 RA
43	CHEMICAL- GASES	Carbon dioxide gas	Moisture	IS 307 : 1966 RA
44	CHEMICAL- GASES	Carbon dioxide gas	Oil Content	IS 307 : 1966 RA
45	CHEMICAL- GASES	Carbon dioxide gas	Phosphine and H2S	IS 307 : 1966 RA
46	CHEMICAL- GASES	Carbon dioxide gas	Purity of CO2	IS 307 : 1966 RA
47	CHEMICAL- GASES	Compressed Air	Carbon dioxide	ISO 8573 - 6
48	CHEMICAL- GASES	Compressed Air	Carbon monoxide	ISO 8573 - 6
49	CHEMICAL- GASES	Compressed Air	Dew Point	ISO 8573-3
50	CHEMICAL- GASES	Compressed Air	Hydrocarbons	ISO 8573-6
51	CHEMICAL- GASES	Compressed Air	Moisture	ISO: 8573-9
52	CHEMICAL- GASES	Compressed Air	Nitrogen dioxide	ISO 8573-6
53	CHEMICAL- GASES	Compressed Air	Oil Mist Content	ISO 8573-2
54	CHEMICAL- GASES	Compressed Air	Oxygen	ISO: 8573-6
55	CHEMICAL- GASES	Compressed Air	Solid Particle Content by mass concentration	ISO: 8573-8
56	CHEMICAL- GASES	Compressed Air	Solid Particle Size	ISO: 8573-4
57	CHEMICAL- GASES	Compressed Air	Sulphur dioxide	ISO 8573-6
58	CHEMICAL- GASES	Hydrogen Gas	Carbon dioxide	IS 1090 : 2002 RA
59	CHEMICAL- GASES	Hydrogen Gas	H2	IS 1090:2002 RA
60	CHEMICAL- GASES	Hydrogen Gas	Hydrocarbons	IS 1090:2002 RA
61	CHEMICAL- GASES	Hydrogen Gas	Mercury	IS 1090:2002 RA
62	CHEMICAL- GASES	Hydrogen Gas	Nitrogen	IS 1090:2002 RA
63	CHEMICAL- GASES	Hydrogen Gas	Oxygen	IS 1090:2002 RA
64	CHEMICAL- GASES	Hydrogen Gas	Water Vapour	IS 1090:2002 RA
65	CHEMICAL- GASES	Nitrogen gas	Carbon dioxide	Ph.Eur 10th Edtn. & USP 43, NF-38
66	CHEMICAL- GASES	Nitrogen gas	Carbon monoxide	Ph.Eur 10th Edtn. & USP-43, NF-38

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Certificate Number	TC-9735	**Page No**	22 of 22
Validity	04/08/2021 to 03/08/2023	**Last Amended on**	-

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67	CHEMICAL- GASES	Nitrogen gas	Identification-A	Ph.Eur 10th Edtn. & USP-43, NF-38
68	CHEMICAL- GASES	Nitrogen gas	Identification-B, Chemical test	Ph.Eur 10th Edtn. & USP-43, NF-38
69	CHEMICAL- GASES	Nitrogen gas	Identification-C, Chemical test	Ph.Eur 10th Edtn. & USP-43, NF-38
70	CHEMICAL- GASES	Nitrogen gas	N2	Ph.Eur 10th Edtn. & USP-43, NF-38
71	CHEMICAL- GASES	Nitrogen gas	Solubility	Ph.Eur 10th Edtn. & USP-43, NF-38
72	CHEMICAL- GASES	Nitrogen gas	Water vapour	Ph.Eur 10th Edtn. & USP-43, NF-38
73	CHEMICAL- GASES	Oxygen Gas	Carbon dioxide	IS 309 : 2005,RA
74	CHEMICAL- GASES	Oxygen Gas	Carbon monoxide	IS 309 : 2005 RA
75	CHEMICAL- GASES	Oxygen Gas	Dew Point	IS 309 : 2005 RA
76	CHEMICAL- GASES	Oxygen Gas	Hydrocarbons	IS 309 : 2005 RA
77	CHEMICAL- GASES	Oxygen Gas	O2	IS 309 : 2005
78	CHEMICAL- POLLUTION & ENVIRONMENT	Pure Steam	Dryness Fraction	EN-285
79	CHEMICAL- POLLUTION & ENVIRONMENT	Pure Steam	Non-Condensable Gases	EN-285
80	CHEMICAL- POLLUTION & ENVIRONMENT	Pure Steam	Super Heat Value	EN-285