National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STARTECH LABS PRIVATE LIMITED, 2ND FLOOR, SMR CHAMBERS,1-58/7, HYDERABAD, RANGA REDDY, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7882 **Page No** 1 of 3

Validity 22/09/2022 to 21/09/2024 **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	Particulate Matter / PM 2.5	ST/EN/SOP 024-04 ;effective :09/08/2019 (CPCB guidelines for the Measurement of Ambient Air Pollutants – Vol.1)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter / PM10 (by Gravimetric method)	IS 5182 (Part-23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (RSPM)	ST/IH/GTP 001-04, effective date 18.03.2020 (NIOSH 500 Guideline Issue 2, 15.08.1994 & NIOSH 600 Guideline Issue 3, 15.07.1998)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Silica (Quartz)	ST/IH/GTP 001-04, effective date 18.03.2020 (NIOSH 7602 Guideline issue 3, 15.03.2003)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding vibration)	Sound Level	ST/IH/GTP 005-01, effective date:18.03.2020, IS 9989 / ACGIH Guidelines
6	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Carbon dioxide	ST/IH/GTP 003-01, effective date: 18.03.2020
7	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Carbon monoxide	ST/IH/GTP 003-01, effective date: 18.03.2020
8	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Nitrogen dioxide	ST/IH/GTP 003-01, effective date: 18.03.2020
9	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Oxygen	ST/IH/GTP 003-01, effective date: 18.03.2020
10	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Particulate Matter / PM 10	ST/IH/GTP 003-01, effective date: 18.03.2020
11	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Particulate Matter / PM 2.5	ST/IH/GTP 003-01, effective date: 18.03.2020
12	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Relative Humidity	ST/IH/GTP 003-01, effective date: 18.03.2020
13	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Sulfur dioxide	ST/IH/GTP 003-01, effective date:18.03.2020, NIOSH 3800 issue 1, 15.03.2003
14	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Temperature	ST/IH/GTP 003-01, effective date: 18.03.2020
15	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air	Total Volatile Organic Compounds (TVOC)	ST/IH/GTP 003-01, effective date: 18.03.2020

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16	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone environment/ Aeration	Air Changes / hour	ST/IH/GTP 003-01, effective date: 18.03.2020
17	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone environment/ Aeration	Air Velocity	ST/IH/GTP 003-01, effective: 18.03.2020
18	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone environment/ Lightings	Illumination	ST/IH/GTP 004-01, effective:18.03.2020, IS 3646 (Part-1 & 2) / IS 6665 / DGMS Circular 6,7, 10 & 11
19	CHEMICAL- DRUGS & PHARMACEUTICALS	Nebivolol HCl	Palladium (By ICP-OES)	STL/A/23/021/16, effective date 11.04.2016
20	CHEMICAL- DRUGS & PHARMACEUTICALS	Praziquentel	Nickel (by AAS)	STL/C/19/014/16; Effective Date:26.03.2016
21	CHEMICAL- DRUGS & PHARMACEUTICALS	Praziquentel	Particle Size distribution	STL/C/19/015/16; Effective Date:23.03.2016
22	CHEMICAL- DRUGS & PHARMACEUTICALS	Pregabalin	Identification (by XRD)	ST/MVR/Identification Test/XRD/014/20-01 Effective date:03.03.2020
23	CHEMICAL- POLLUTION & ENVIRONMENT	STP Water/Effluent Water/Treated Water	Chemical Oxygen Demand	APHA 23rd Edn 5220 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	STP Water/Effluent Water/Treated Water	Chloride as Cl (Argentometric method)	APHA 23rd Edn 4500 Cl-B
25	CHEMICAL- POLLUTION & ENVIRONMENT	STP Water/Effluent Water/Treated Water	pH (Electrometric method)	APHA 23rd Edn 4500 H+ - B
26	CHEMICAL- POLLUTION & ENVIRONMENT	STP Water/Effluent Water/Treated Water	Total Dissolved Solids (TDS)	APHA 23rd Edn 2540C
27	CHEMICAL- POLLUTION & ENVIRONMENT	STP Water/Effluent Water/Treated Water	Total Solids (TS)	APHA 23rd Edn 2540B
28	CHEMICAL- POLLUTION & ENVIRONMENT	STP Water/Effluent Water/Treated Water	Total suspended solids (TSS)	APHA 23rd Edn 2540 D
29	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Total Dissolved Solids (Gravimetric method)	APHA 23rd Edn 2540C
30	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Alkalinity to Phenolphthalein	APHA 23rd Edn 2320 B
31	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Calcium Hardness (as CaCO3) (EDTA Titrimetric method)	APHA 23rd Edn 3500 Ca B
32	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Calcium as Ca (EDTA Titrimetric method)	APHA 23rd Edn 3500 Ca B
33	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Chloride as Cl (Argentometric method)	APHA 23rd Edn 4500 Cl-B

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7882	**Page No**	3 of 3
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34	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Iron as Fe (Phenanthroline method)	APHA 23rd Edn 3500-B
35	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Magnesium as Mg	APHA 23rd Edn 3500 Mg B
36	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Magnesium Hardness (as CaCO3) (EDTA Titrimetric method)	APHA 23rd Edn 3500 Mg B
37	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Potassium as K (Flame Photometric method)	APHA 23rd Edn 3500 – K B
38	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Sodium as Na (Flame Photometric method)	APHA 23rd Edn 3500 – Na B
39	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Total Hardness as CaCO3 (EDTA Titrimetric method)	APHA 23rd Edn 2340 C
40	CHEMICAL- WATER	Water (Ground Water / Surface Water / Potable and domestic water)	Total Alkalinity (as CaCO3) (Titration method)	APHA 23rd Edn 2320 B
41	CHEMICAL- WATER	Water(Ground water/Surface water/potable and domestic water)	Electrical conductivity	APHA 23rd Edn 2510-B
42	CHEMICAL- WATER	Water(Ground water/Surface water/potable and domestic water)	pH (Electrometric method)	APHA 23rd Edn 4500H+-B