

Laboratory Climate Care Environmental Services, 401-402, Shantiniketan Flora Business HUB, Abrama Road, Mota Varachha, Surat, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8095

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Validity 19.11.2018 to 18.11.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	WATER			
1.	Surface Water, Ground Water, Drinking Water, Industrial Water & Water from Purifiers	pH	IS 3025 (Part 11)	2.0 to 12.0
		Temperature	IS 3025 (Part 9)	10 °C to 50 °C
		Total Suspended Solids (Non-Filterable Residue)	IS 3025 (Part 17)	10 mg/L to 5000 mg/L
		Total Dissolved Solids (Filterable Residue)	IS 3025 (Part 16)	10 mg/L to 5000 mg/L
		Colour	APHA 2120 B	5 Colour unit to 70 Colour unit
		Chemical Oxygen Demand	APHA 5220 B	5 mg/L to 200 mg/L
		Biochemical Oxygen Demand (3 days at 27°C)	IS 3025 (Part 44)	1 mg/L to 200 mg/L
		Chlorides (as Cl ⁻)	IS 3025 (Part 32)	2 mg/L to 1000 mg/L
		Oil & Grease	IS 3025 (Part 39)	1 mg/L to 50 mg/L
	Nitrogen (Ammonia) (as NH ₃ -N)	APHA 4500 NH ₃ -B & C	0.2 mg/L to 200 mg/L	
II.	POLLUTION & ENVIRONMENT			
1.	Waste Water (Effluents/ Sewage)	pH	IS 3025 (Part 11)	2.0 to 12.0
		Temperature	IS 3025 (Part 9)	10 °C to 50 °C
		Total Suspended Solids (Non-Filterable Residue)	IS 3025 (Part 17)	10 mg/L to 5000 mg/L
		Total Dissolved Solids (Filterable Residue)	IS 3025 (Part 16)	10 mg/L to 100000 mg/L
		Colour	APHA 2120 B	10 Colour Unit to 250 Colour Unit

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Chemical Oxygen Demand	APHA 5220 B	5 mg/L to 50000 mg/L
		Biochemical Oxygen Demand (3 days at 27°C)	IS 3025 (Part 44)	1 mg/L to 25000 mg/L
		Chlorides (as Cl ⁻)	IS 3025 (Part 32)	2 mg/L to 10000 mg/L
		Oil & Grease	IS 3025 (Part 39)	1 mg/L to 500 mg/L
		Nitrogen (Ammonia) (as NH ₃ -N)	APHA 4500 NH ₃ -B & C	0.2 mg/L to 200 mg/L

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