

Laboratory Accuracy Analabs, No. 7A & 17, Sri Sakthi Vinayagar Complex,
Ramalakshmi Nagar Extension, Dindigul, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6429

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Validity 17.10.2017 to 16.10.2019

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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MECHANICAL TESTING

I. POLLUTION & ENVIRONMENT				
1.	Waste Water, Effluents, (STP, ETP Treated & Un treated Water)	pH	IS 3025 (Part 11)	1.0 to 12.0
		Total Solids	IS 3025 (Part 15)	5.0 mg/l to 20000 mg/l
		Total Suspended Solids	IS 3025 (Part 17)	5.0 mg/l to 1000 mg/l
		Total Dissolved Solids	IS 3025 (Part 16)	5.0 mg/l to 20000 mg/l
		COD (Chemical Oxygen Demand)	IS 3025 (Part 58)	3.0 mg/l to 25000 mg/l
		BOD at 27°C for 3 days (Biological Oxygen Demand)	IS 3025 (Part 44)	2.5 mg/l to 5000 mg/l
		Sulphate as SO ₄	IS 3025 (Part 24)	5.0 mg/l to 2500 mg/l
		Chloride as Cl	IS 3025 (Part 32)	2.0 mg/l to 5000 mg/l
	Oil & Grease	IS 3025 (Part 39)	2.0 mg/l to 200 mg/l	
II. WATER				
1.	Surface Water, Ground Water, Drinking Water, Swimming Pool Water, Industrial Water, Water from Purifier	Colour	IS 3025 (Part 4)	1 Hazen to 25 Hazen
		Odour	IS 3025 (Part 5)	Qualitative
		pH	IS 3025 (Part 11)	1 to 14
		Total Dissolved Solids	IS 3025 (Part 16)	5 mg/l to 2000 mg/l
		Total Hardness as CaCO ₃	IS 3025 (Part 21)	1 mg/l to 1000 mg/l
		Turbidity	IS 3025 (Part 10)	0.5 NTU to 1000 NTU
		Calcium Hardness	IS 3025 (Part 40)	1 mg/l to 1000 mg/l
		Magnesium Hardness	IS 3025 (Part 46)	0.5 mg/l to 1000 mg/l
	Calcium as Ca	IS 3025 (Part 40)	1 mg/l to 1000 mg/l	

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		Chloride as Cl	IS 3025 (Part 32)	1 mg/l to 1000 mg/l
		Magnesium as Mg	IS 3025 (Part 46)	0.5 mg/l to 1000 mg/l
		Sulphate as SO ₄	IS 3025 (Part 24)	5 mg/l to 400 mg/l
		Total Alkalinity as CaCO ₃	IS 3025(Part 23)	1 mg/l to 500 mg/l
III.	ATMOSPHERIC POLLUTION			
1.	Ambient Air	Sulphur Dioxide as SO ₂	IS 5182 (Part 2)	3.0 µg/m ³ to 100 µg/m ³
		Nitrogen Dioxide as NO ₂	IS 5182 (Part 6)	9.0 µg/m ³ to 100 µg/m ³
		RPM (PM10) Particulate matter (Size less than 10 µm)	IS 5182 (Part 23)	5.0 µg/m ³ to 250 µg/m ³
2.	Stack Emission	Particulate Matter	IS 11255 (Part 1)	5.0mg/Nm ³ to 5000mg/Nm ³
		Sulphur Dioxide as SO ₂	IS 11255 (Part 2)	3.0g/Nm ³ to 200 mg/Nm ³