

Laboratory State Referral Institute for Water Quality, Kerala Water Authority,  
Nettoor, Ernakulam, Kerala

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5273

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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
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**CHEMICAL TESTING**

I.	WATER			
1.	Drinking Water	Turbidity	IS 3025 (Part 10)	0.02 - 800 NTU
		pH	IS 3025 (Part 11)	1 - 14
		Electrical conductivity at 25 °C	IS 3025 (Part 14)	1 - 60000 µS/cm
		Total Hardness	IS 3025 (Part 21)	5 - 10000 mg/l
		Chloride	IS 3025 (Part 32) (Argentometric method)	5 - 10000 mg/l
		Fluoride	IS 3025 (Part 60) (Electrochemical probe method)	0.2 - 2000 mg/l
		Iron	IS 3025 (Part 53) (1,10 Phenanthroline method)	0.075 - 0.5 mg/l

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