

Laboratory District Water Testing Laboratory, Public Health Engineering Department, Division-Raipur, PHE Central Store Campus, Ring Road No. 1, Rawanbhanta, Raipur, Chhattisgarh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8056

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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.	Drinking Water	pH	IS 3025 (Part 11) (Electrometric Method)	1 to 14
		Specific Conductance (Conductivity)	IS 3025 (Part 14)	1 µmhos/cm to 10000 µmhos/cm
		Alkalinity	IS 3025 (Part 23) (Titration method)	10 mg/l to 2500 mg/l
		Turbidity	IS 3025 (Part 10) (Nephelometric Method)	0.1 NTU to 500 NTU
		Chlorides (as Cl ⁻)	IS 3025 (Part 32) (Argentometric Method)	1 mg/l to 2000 mg/l
		Total Hardness	IS 3025 Part 21 (EDTA Method)	2.00 mg/l to 5000 mg/l
		Calcium	IS 3025 (Part 40) (EDTA Method)	2.0 mg/l to 1500 mg/l
		Magnesium	APHA 23 rd Ed, Part 3500- Mg-B (Calculation Method)	1 mg/l to 500 mg/l
		Fluoride	APHA 23 rd Ed, 4500-F-C (Ion Selective Electrode method)	0.05 to 20 mg/l

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