

Laboratory District Laboratory, Gujarat Water Supply & Sewerage Board,
Jal Bhavan, Saru Section Road, Jamnagar, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7514

Page 1 of 1

Validity 29.06.2018 to 28.06.2020

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.	Drinking Water	Colour	APHA 23 rd Ed. 2017, Method: 2120 C	1 Hazen unit to 50 Hazen unit
		Turbidity	APHA 23 rd Ed. 2017, Method: 2130 B	0.5 NTU to 100 NTU
		pH Value	APHA 23 rd Ed. 2017, Method: 4500 H ⁺ B	3.00 to 9.50
		Conductivity	APHA 23 rd Ed. 2017, Method: 2510 B	2 μ S μ S/cm to 20000 μ S/cm
		Total Dissolved Solid (TDS)	APHA 23 rd Ed. 2017, Method: 2540 C	10 mg/l to 10000 mg/l
		Total Hardness	APHA 23 rd Ed. 2017, Method: 2340 C	5 mg/l to 1000 mg/ l
		Calcium	APHA 23 rd Ed. 2017, Method: 3500 Ca ⁺² B	5 mg/l to 600 mg/ l
		Magnesium	APHA 23 rd Ed. 2017, Method: 3500-Mg ⁺² B	5 mg/l to 600 mg/ l
		Chloride	APHA 23 rd Ed. 2017, Method: 4500-Cl ⁻ B	5 mg/l to 1000 mg/ l
		Sulphate	APHA 23 rd Ed. 2017, Method: 4500-SO ₄ ⁻² E	2 mg/l to 400 mg/l
		Nitrate	APHA 23 rd Ed. 2017, Method: 4500-NO ₃ ⁻ B	1.0 mg/l to 80.0 mg/l
		Fluoride	APHA 23 rd Ed. 2017, Method: 4500-F ⁻ C	0.1 mg/l to 10.0 mg/l
		Total Alkalinity	APHA 23 rd Ed. 2017, Method: 2320 B	5 mg/l to 1000 mg/ l