

Laboratory State Level Public Health Engineering Department Laboratory,
Gandhi Nagar, Jaipur, Rajasthan

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7430 (in lieu of T-4031)

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Validity 23.06.2018 to 22.06.2020

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.	Potable & Domestic Water	pH	IS 3025 (Part 11):1983 (RA 2006)	2 to 12
		Total Dissolved Solids	IS 3025 (Part 16):1984 (RA 2012)/ APHA 23 rd Edition 2510 B Conductivity	5 mg/l to 30000 mg/l
		Total Hardness as CaCO ₃	IS 3025(Part 21) : 2009 (RA 2014)	1 mg/l to 10000 mg/l
		Calcium as Ca	IS 3025(Part 40):1991 (RA 2014)	1 mg/l to 4000 mg/l
		Magnesium as Mg	IS 3025 (Part 46):1994 (RA 2014)	1 mg/l to 2400 mg/l
		Chloride as Cl	IS 3025 (Part 32) 1988 (RA 2014)	1 mg/l to 10000 mg/l
		Total Alkalinity	IS 3025(Part 23) 1986 (RA 2014)	1 mg/l to 10000 mg/l
		Nitrate as NO ₃	APHA 23 rd Edition 4500 NO ₃ B	1 mg/l to 1000 mg/l
		Fluoride as F	IS 3025 (Part 60 (6)): 2013	0.05 mg/l to 20 mg/l
		Sodium as Na	IS 3025 (Part 45) 1993 (RA 2014)	1 mg/l to 500 mg/l
		Potassium as K	IS 3025 (Part 45) 1993 (RA 2014)	1 mg/l to 100 mg/l
II.	POLLUTION & ENVIORNMENT			
1.	Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58) 2012	1 mg/l to 30000 mg/l
		Biochemical Oxygen Demand (3 days at 27 ^o C)	IS 3025 (Part 44) 1993 (RA 2014)	1 mg/l to 20000 mg/l

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		pH	IS 3025(Part 11):1983 (RA 2006)	2 to 12
		Phosphate	IS 3025(Part 31(4)):1988 (RA 2014)	0.05 mg/l to 8 mg/l
		Total suspended particles	IS 3025 (Part 17) 1984 (RA2012)	1 mg/l to 10000 mg/l