

Laboratory Rail Neer Quality Control Laboratory, IRCTC Nangloi, New Delhi

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 19.05.2014

Certificate Number T-2951 **Valid Until** 18.05.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. WATER				
1.	Drinking Water & Packaged Drinking Water	Odour	IS 3025 (Part 5):1983	Qualitative
		Hardness	IS 3025 (Part 21):1986, RA 2009	2 mg/l to 800 mg/l
		Turbidity	IS 3025(Part 10):1984, RA 1996	1 NTU to 200 NTU
		T.D.S	IS 3025(Part 16):1983, RA-1996; By TDS meter QP-014	5 mg/l to 2500 mg/l
		pH	IS 3025(Part 11):1983, RA-2006	1 to 14
		Nitrate (NO ₃)	IS 3025(Part 34):1988, RA-2009	0.1 mg/l to 60 mg/l
		Nitrite (NO ₂)	IS 3025(Part 34):1988, RA-2009	0.01 mg/l to 1.0 mg/l
		Chloride (Cl)	IS 3025(Part 32):1988, RA-2009	1 mg/l to 1500 mg/l
		Sulphate (SO ₄)	IS 3025 (Part 24):1988, RA-2009	1 mg/l to 500 mg/l
		Calcium (Ca)	IS 3025(Part 40):1991	5 mg/l to 250 mg/l
		Alkalinity as HCO ₃	IS 3025(Part 23):1986, RA-2009	1.0 mg/l to 700 mg/l
		Iron (Fe)	IS 3025(Part 53):2003, RA-2009	0.01 mg/l to 5.0 mg/l
Residual chlorine	IS 3025(Part 26):1986	0.1 mg/l to 4.0 mg/l		

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