

**Laboratory** Nandesari Industries Association-Analytical & Research Laboratory,  
153/A, GIDC, Nandesari, Dist: Vadodara, Gujarat

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-7202

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**Validity** 26.04.2018 to 25.04.2020

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.	POLLUTION & ENVIRONMENT			
1.	<b>Waste Water (Effluent / Sewage)</b>	pH	APHA, 23rd Edition 2017-4500 H <sup>+</sup> B pH Meter	2 to 12
		Total Solids Dried at 103-105°C	APHA, 23rd Edition 2017-2540 B Gravimetric	10 mg/l to 20000 mg/l
		Total Dissolved Solids Dried at 180°C	APHA, 23rd Edition 2017-2540 C Gravimetric	10 mg/l to 20000 mg/l
		Temperature	APHA, 23rd Edition 2017-2550 B Thermometer,	2 °C to 250 °C
		Chloride	APHA, 23rd Edition 2017-4500 Cl <sup>-</sup> B Titrimetric - Argentometric	5 mg/l to 50000 mg/l
		Chemical Oxygen Demand (COD)	APHA, 23rd Edition 2017-5220 B Open reflux method	10 mg/l to 50000 mg/l
		Hardness Calcium	APHA, 23rd Edition 2017-3500 Ca B Titrimetric (EDTA)	5 mg/l to 1000 mg/l
		Hardness Total	APHA, 23rd Edition 2017, 2340 C Titrimetric (EDTA)	5 mg/l to 1000 mg/l
		Nitrogen (Ammonia) NH <sub>3</sub> -N	APHA, 23rd Edition 2017, 4500 NH <sub>3</sub> B & C Titration Method	1 mg/l to 1400 mg/l

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