

Laboratory	Ashalini Enterprise, Vasant Krupa Building, 1st Floor, Uran Road, Old Panvel, Raigad, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Chemical Testing	Issue Date	02.01.2015
Certificate Number	T-1758	Valid Until	01.01.2017
Last Amended on	-	Page	1 of 2

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.	Water	pH	IS 3025 (Part 11): 1983 (RA 2006)	1 to 13
	Drinking Water			
	Bore well water	Conductivity	IS 3025 (Part 14): 2013	0.1 to 2000 μ S/cm
	Cooling water			
	Boiler water	Turbidity	IS 3025 (Part 10): 1984 (RA 2012)	1 to 100 NTU
	Chiller water			
	Reverse Osmosis water	Total Dissolved Solid	IS 3025 (Part 16): 1984 (RA 2012)	10 to 2000 mg/l.
	Mineral water	Total Hardness	IS 3025 (Part 21): 2009	5 to 1000 mg/l.
	Lake water			
	Packaged Drinking water.	Calcium	IS 3025 (Part 40): 1991 (RA 2009)	5 to 500 mg/l.
	Swimming Pool Water	Magnesium	IS 3025 (Part 46): 1994 (RA 2009)	10 to 50 mg/l.
	De-ionized Water	Total alkalinity	IS 3025 (Part 23): 1986 (RA 2009)	5 to 1000 mg/l.
		Chloride	IS 3025 (Part 32):1988 (RA 2009)	5 to 1000 mg/l.
		Sulphate	IS 3025 (Part 24):1986 (RA 2009)	2.0 to 200 mg/l.
		Nitrate	IS 3025 (Part 34):1988 (RA 2009)	2.0 to 50 mg/l.
		Iron	IS 3025 (Part 53): 2003 (RA 2009)	0.1 to 0.3 mg/l.
		Silica	IS 3025 (Part 35): 1988 (RA 2009)	2.0 to 50 mg/l.
		Sodium	IS 3025 (Part 45): 1993 (RA 2009)	1.0 to 10 mg/l.
		Potassium	IS 3025 (Part 45): 1993 (RA 2009)	1.0 to 10 mg/l.
		Phosphate	IS 3025 (Part 31): 1988 (RA 2009)	1.0 to 50 mg/l.
		Aluminium	IS 3025 (Part 55): 2003 (RA 2009)	0.1 to 10 mg/l.
		Ammonia	IS 3025 (Part 34): 1988 (RA 2009)	1.0 to 50 mg/l.

Laboratory Ashalini Enterprise, Vasant Krupa Building, 1st Floor, Uran Road, Old Panvel, Raigad, Maharashtra
Accreditation Standard ISO/IEC 17025: 2005
Discipline Chemical Testing **Issue Date** 02.01.2015
Certificate Number T-1758 **Valid Until** 01.01.2017
Last Amended on - **Page** 2 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Waste Water ETP water STP water Waste water	pH	IS 3025 (Part 11): 1983 (RA 2006)	1 to 13
		Chemical Oxygen Demand	IS 3025 (Part 58): 2006 (RA 2012)	10.0 to 500 mg/l.
		Bio Chemical Oxygen Demand	IS 3025 (Part 44): 1993 (RA 2009)	5.0 to 200 mg/l.
		Oil & Grease	IS 3025 (Part 39): 1991 (RA 2009)	5.0 to 1000 mg/l.
		Total Suspended Solids	IS 3025 (Part 17): 1984 (RA 2012)	10.0 to 1000 mg/l.

-X-X-X-X-X-X-X-X-X-X-X-X-

NOTE: The Laboratory has demonstrated competence for the stated scope for **WATER**. This however **does not fully cover** the specification requirements of **BIS for the Packaged Drinking Water as per IS:14543 and the Packaged Natural Mineral Water IS:13428**.