

Laboratory	National Test House (N.R.), Kamla Nehru Nagar, Ghaziabad, Uttar Pradesh		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	19.11.2014
Certificate Number	T-3207	Valid Until	13.10.2015
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.	Drinking Water	E. coli	IS 1622: 1981	Qualitative (Present/Absent per 100 ml)
		Total Coliform Bacteria	IS 1622: 1981	Qualitative (Present/Absent per 100 ml)
2.	Packaged Natural Mineral Water & Packaged Drinking Water (Other than Packaged Natural Mineral Water)	E. coli	IS 5887 (Part 1): 1976 (RA 2005) Cl. 5, 6 IS 15185: 2002 Cl. 8	Qualitative (Present/Absent per 250 ml)
		Coliform Bacteria	IS 5401 (Part 1): 2002 Cl. 9 IS 15185: 2002 Cl. 8	Qualitative (Present/Absent per 250 ml)
		Faecal streptococci	IS 5887 (Part 2): 1976 (RA 2009) Cl. 8.2.1, 6.2 IS 15186 : 2002 (RA 2007) Cl. 8	Qualitative (Present/Absent per 250 ml)
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2009) Cl. 5, 6.1	Qualitative (Present/Absent per 250 ml)
		Sulphite Reducing anaerobes	IS 13428 : 2005 Annex C Cl. C-4.7	Qualitative (Present/Absent per 250 ml)
		Pseudomonas aeruginosa	IS 13428: 2005 Cl. D-7, D-8	Qualitative (Present/Absent per 250 ml)
		Yeast and Mould	IS 5403: 1999 (RA 2005) Cl. 9	Qualitative (Present/Absent per 250 ml)

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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
	Packaged Natural Mineral Water & Packaged Drinking Water (Other than Packaged Natural Mineral Water)	Salmonella	IS 5887 (Part 3): 1999 (RA 2003) Cl. 9 IS 15187 : 2002 (RA 2007) Cl. 8	Qualitative (Present/Absent per 250 ml)
		Shigella	IS 5887 (Part 7) : 1999 (RA 2005) Cl. 7, 8	Qualitative (Present/Absent per 250 ml)
		Vibrio cholerae	IS 5887 (Part 5): 1976 (RA 2005) Cl. 5.1, 6	Qualitative (Present/Absent per 250 ml)
		Vibrio parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2005) Cl. 5.2, 6	Qualitative (Present/Absent per 250 ml)
		Aerobic Microbial Count At 20 to 22 °C in 72 h At 37 °C in 24 h	IS 5402 : 2012 Cl. 9	≤ 1 CFU & Above per ml ≤ 1 CFU & Above per ml

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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**.