

Laboratory Aquadiagnostics Water Research and Technology Center Limited,
No. 57, Omshakthi Complex, 1st Floor, GB Palya, Hosur Main Road,
Bangalore, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Discipline Biological Testing **Issue Date** 12.01.2015

Certificate Number T-0914 **Valid Until** 11.01.2017

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.	Potable Water / Domestic Water	Total Coliforms MPN	IS 1622: 1981 (RA 2003)	(2 MPN to 1600 MPN)/100 mL
		Faecal Coliforms	IS 1622: 1981 (RA 2003)	(2 MPN to 1600 MPN)/100 mL
		E.coli	IS 1622: 1981 (2003)	Qualitative (Presence or Absence/100 mL)
		Standard Plate Count	IS 1622: 1981 (RA 2003)	≥ 1 cfu / mL
2.	Packaged Drinking Water	Total Coliforms MPN	IS 5401 (Part 1): 2002 IS 15185: 2002	Presence or Absence / 250 mL
		E.coli Presence or Absence	IS 15185: 2002 IS 5887 (Part 1): 1976	Presence or Absence / 250 mL
		Aerobic Microbial count at 37 °C / 24 hrs At 20 °C to 22 °C / 72 hrs	IS 5402: 2002	≥ 1 cfu / mL
		Faecal Streptococci	IS 5887(Part 2): 1976	Presence or Absence / 250 mL
		Staphylococcus aureus	IS 5887 (Part 2): 1976 IS 15186: 2002	Presence or Absence / 250 mL

Laboratory Aquadiagnostics Water Research and Technology Center Limited,
No. 57, Omshakthi Complex, 1st Floor, GB Palya, Hosur Main Road,
Bangalore, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Discipline Biological Testing **Issue Date** 12.01.2015

Certificate Number T-0914 **Valid Until** 11.01.2017

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
	Packaged Drinking Water	Sulphite Reducing Anaerobes	IS 13428: 2005 Annex C	Presence or Absence / 50 mL
		Pseudomonas aeruginosa	IS 13428: 2005 Annex D	Presence or Absence / 250 mL
		Yeast and Mould	IS 5403: 1999	Presence or Absence / 250 mL
		Salmonella	IS 5887 (Part 3): 1999	Presence or Absence / 250 mL
		Shigella	IS 5887 (Part 7): 1999	Presence or Absence / 250 mL
		Vibrio Cholera and Vibrio Parahaemolyticus	IS 5887 (Part 5): 1976 IS 15188: 2001	Presence or Absence / 250 mL

-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 as per IS:13428**.