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| Laboratory | Cochin Test House, Kollanpady, Irumpanam, Cochin, Kerala | | |
| Accreditation Standard | ISO/IEC 17025: 2005 | | |
| Discipline | Biological Testing | Issue Date | 15.09.2014 |
| Certificate Number | T-3111 | Valid Until | 11.09.2016 |
| 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. | (Packaged Drinking Water, Swimming Pool water, Drinking Water, Water for Processed Food industry) | Coliform count | IS: 1622:1981(RA2003) | ≤ 2 to 1600 MPN/100 ml |
| | | a.MPN method | | |
| | | b.Membrane filtration Method | IS: 1622:1981(RA2003) IS: 15185:2002 (RA2009) | Present/Absent/100 ml or Present/Absent/250 ml |
| | | Faecal Coliform | IS: 1622:1981(RA2003) | ≤2 to 1600 MPN/100 ml |
| | | a.MPN method | | |
| | | b.Membrane filtration Method | IS: 1622:1981(RA2003) | Present/Absent/100 ml |
| | | E. coli | IS: 1622:1981(RA2003) | ≤2 to 1600MPN/100 ml |
| | | a.MPN method | | |
| | | b.Membrane filtration Method | IS: 1622:1981(RA2003) IS: 15185:2002(RA 2009) | Present/Absent /100 ml or Present/Absent/250 ml |
| | | Proteolytic bacteria count | IS: 4251 App. A 1967(RA2009) | ≥1 cfu/ml & above |
| | | Lipolytic bacteria count | IS: 4251 App. A 1967(RA2009) | ≥1 cfu/ml & above |
| | | Sulphite Reducing Bacteria | APHA 22 nd edn. 2012 | ≤1.8 to 1600MPN/100ml |
| | | Total viable colony count@ 37°C for 24 hrs. | IS: 5402:2002(RA2012) | ≥1 cfu/ml & above |
| | | Total viable colony count at 22°C for 72 hrs. | IS: 5402:2002(RA 2012) | ≥1 cfu/ml & above |
| | | Faecal streptococci | IS: 15186:2002 | Present/Absent/250 ml |
| | | S. aureus | IS: 5887 Part 2-1976 (RA 2009) | Present/Absent/250 ml |
| Shigella spp. | IS: 5887 Part 7-1999 (RA2009) | Present/Absent/250 ml | | |
| Salmonella spp. | IS: 15187:2002 | Present/Absent/250 ml | | |
| Vibrio cholera | IS: 5887 Part 5-1976 (RA2009) | Present/Absent/250 ml | | |
| Vibrio parahaemolyticus | IS: 5887 Part 5-1976(RA2009) | Present/Absent/250 ml | | |
| Yeast and Mould | IS: 5403:1999(RA2005) | Present/Absent/250 ml | | |

