

Laboratory	Central Food Laboratory,3, KYD Street, Kolkata, West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	11.09.2015
Certificate Number	T-2495	Valid Until	10.09.2017
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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
I.	FOODS & AGRICULTURAL PRODUCTS			
1.	Milk and Dairy Products			
a.	Milk Powder, Infant Food, Cereal Based Complementary Food	Total Aerobic Count	APHA (4 th Edition) 6.3311: 2001	≥10 cfu/g
		Yeast and Mould	IS 5403: 1999	≥10 cfu/g
		Coliform Bacteria	IS 5401 (Part 1): 2002	≥10 cfu/g
2.	Alcoholic Drinks & Beverages			
a.	Carbonated Beverages, Ready to Serve Beverages Including Fruit Beverages	Total Plate Count	APHA (4 th Edition) 6.3311: 2001	1 cfu/ml to 10 ⁷ cfu/ml
		Yeast & Mould Count	IS 5403: 1999	10 cfu/ml to 10 ⁴ cfu/ml
		Coliform Bacteria	IS 15185: 2002	≥ 10 cfu/100 gm ≥ 1 cfu /100 ml
3.	Fruits and Vegetable Products			
a.	Jam, Marmalade/ Jelly, Chutney & Tomato Products	Total Plate Count	APHA (4 th Edition) 6.3311: 2001	10 cfu/ml to 10 ⁷ cfu/gm
		Mould count	AOAC (19 th Edition) 16.17.01: 2012	0 to 100 % positive fields
		Yeast and spore count	DGHS Manual 1.4: 2005	0 to 500 in 1/60 c mm
4.	Canned & Processed Foods			
a.	Fruit and Vegetable Products (Liquid & Solid)	Incubation test	APHA (4 th Edition) 61.5: 2001	Qualitative (Positive/Negative)

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	Fruit and Vegetable Products (Liquid & Solid)	Total Plate Count	APHA (4 th Edition) 16.3311: 2012	≥ 10 cfu/gm ≥ 10 cfu/ml
		Yeast and Moulds	IS 5403: 1999	≥ 10 cfu/gm ≥ 10 cfu/ml
5.	Infant Food			
a.	Malt based foods	Bacterial Count	APHA (4 th Edition) 6.3311: 2001	≥ 10 cfu/gm
		Yeast and Mould	IS 5403: 1999	≥ 10 cfu /g
		Coliform bacteria	IS 5401 (Part 1): 2002	≥ 10 cfu /g
6.	Other Specified Food Items			
a.	Pickles	Mould count	IS 5403: 1999	≥ 1 cfu /g
II.	Water			
1.	Packaged Drinking Water other than Mineral Water	Aerobic microbial count at 20 °C to 22 °C	IS 14543: 2004 5.1.0	1 cfu/ml to 10 ⁷ cfu/ml
		Aerobic microbial count at 37 °C	IS 14543: 2004 5.1.6	1 cfu/ml to 10 ⁷ cfu/ml
		Coliform count	IS 15185: 2002	Qualitative (Present / Absent)/250 ml
		Yeast and Mould	IS 14543: 2004	Qualitative (Present / Absent)/ 250 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**.

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