

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	1 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	FOOD & AGRICULTURAL PRODUCTS			
1.	Bakery & Confectionery Products (Biscuits (Soft & Hard), Bread, Sweets, Namkeen, Chocolate, Toffees, Chikki)	Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present/Absent)/g
		Coliform count	IS 5401 (Part 1): 2002	10 cfu/g to 10 ⁵ cfu/g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/g
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25g
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/25g
		Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g to 10 ⁷ cfu/g
		Yeast & Mould Count	IS 5403: 1999 (RA 2005)	10 cfu/g to 10 ⁷ cfu/g
2.	Processed Cereal Based Complementary Foods	Total bacterial count/ Total plate count	IS 5402: 2012	10 cfu/g to 10 ⁵ cfu/g
		Coliform count	IS 5401 (Part 1): 2002	Qualitative (Present/Absent)/0.1g
		Yeast & Mould Count	IS 5403: 1999 (RA 2005)	Qualitative (Present/Absent)/0.1g
		Salmonella	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25g
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/25g

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	2 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Processed Cereal Based Complementary Foods	Escherichia coli	IS 5887 (Part 1) : 1976 (RA 2005)	Qualitative (Present/Absent)/0.1g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/0.1g
3.	Cereals & Grains (Including Rice, Pulses, Sesame Seeds, Basen ,Maida, Suji, Atta)	Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g to 10 ⁵ cfu/g
		Coliform count	IS 5401 (Part 1): 2002	10 cfu/g to 10 ⁵ cfu/g
		Yeast & mould count	IS 5403: 1999 (RA 2005)	10 cfu/g to 10 ⁵ cfu/g
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Present/Absent /g
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/ Absent)/ 25g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/ Absent)/ g
		Bacillus cereus	IS 5887 (Part 6): 2012	10 cfu / g to 10 ⁵ cfu / g
4.	Dry Fruits	Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu / g to 10 ⁵ cfu / g
		Coliform	IS 5401 (Part 1): 2002	10 cfu / g to 10 ⁵ cfu / g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent) / g
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present/Absent) / g

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	3 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Dry Fruits	Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Present /Absent/25 gm
		Yeast & mould count	IS 5403: 1999 (RA 2005)	10 cfu/g to 10 ⁵ cfu/g
5.	Canned & Ready to Eat Food	Coliform count	IS 5401 (Part 1): 2002	1 cfu/g to 10 ⁵ cfu/g
		Yeast & Mould Count	IS 5403: 1999 (RA 2005)	10 cfu/g to 10 ⁷ cfu/g
		Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g to 10 ⁷ cfu/g
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present/Absent)/g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/g
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g
		Clostridium perfringens	IS 5887 (Part 4) : 1999 (RA 2005)	Qualitative (Present/Absent)/g
		Vibrio.cholerae	IS 5887 (Part 5): 1976 (RA 2005)	Qualitative (Present/Absent)/25 g
		Listeria monocytogenes	IS 14988 (Part 1): 2009 (RA 2009)	Qualitative (Present /Absent) / 25

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	4 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
6.	Whole Ground Spices & Condiments Chilli, Turmeric, Dhania, Garam masala	Coliform count	IS 5401 (Part 1): 2002	1 cfu/g to 10 ⁷ cfu/g
		Yeast & Mould Count	IS 5403: 1999 (RA 2005)	10 cfu/g to 10 ⁷ cfu/g
		Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g to 10 ⁷ cfu/g
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/g
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Absent / Present)/g
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent) / 25g
		Clostridium perfringens	IS 5887 (Part 4) : 1999 (RA 2005)	Qualitative (Present/Absent)/g
7.	Beverages (Alcoholic / Non Alcoholic)	Bacillus cereus	IS 5887 (Part 6): 2012	10 cfu/g to 10 ⁵ cfu/g
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present/Absent)/ml
		Coliform count	IS 5401 (Part 1): 2002	1 cfu/ml to 10 ⁵ cfu/ml
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent) / ml
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent) / 25ml

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	5 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Beverages (Alcoholic / Non Alcoholic)	Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/ml to 10 ⁷ cfu/ml
		Yeast & Mould Count	IS 5403: 1999 (RA 2005)	10 cfu/ml to 10 ⁷ cfu/ml
8.	Milk & Milk Products			
a.	Infant Milk Substitute	Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g to 10 ⁵ cfu/g
		Coliform	IS 5401 (Part 1): 2002	Qualitative (Present/Absent)/0.1g
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present/Absent)/0.1g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/0.1g
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g/ml
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g/ml
	Yeast & mould count	IS 5403: 1999 (RA 2005)	Qualitative (Present/Absent)/ 0.1 g	

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	6 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
b.	Condensed Milk, Partly Skimmed Milk, Skimmed Condensed Milk. Milk Pasteurized, Milk Sterilized, Milk Powder (Dairy Whitener), Curd, Ice Cream, Khoa, Paneer	Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g/ml to 10 ⁵ cfu/g/ml
		Coliform	IS 5401 (Part 1): 2002	10 cfu/g/ml to 10 ⁵ cfu/g/ml
		Yeast & mould count	IS 5403: 1999 (RA 2005)	10 cfu/g/ml to 10 ⁵ cfu /g/ml
		Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present/Absent)/g/ml
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/g/ml
		Listeria monocytogenes	IS 14988 (Part 1): 2001 (RA 2012)	Qualitative (Present/Absent)/25g/ml
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g/ml
9.	Fruits &Vegetables Products	Total Bacterial Count / Total Plate Count	IS 5402: 2012	10 cfu/g to 10 ⁵ cfu/g
		Escherichia coli	IS 5887(Part 1): 1976 (RA 2005)	Qualitative (Present/Absent)/g
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/25 g

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	7 of 8

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Fruits &Vegetables Products	Clostridium perfringens	IS 5887 (Part 4): 1999 (RA 2005)	Qualitative (Present / Absent)/ g
		Yeast & mould count	IS 5403: 1999 (RA 2005)	10 cfu/g to 10 ⁵ cfu/g
		Total Coliforms Count	IS 5401 (Part 1): 2002	10 cfu/g to 10 ⁵ cfu/g
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present /Absent)/g/ml
II. WATER				
1.	Drinking Water Ground Water/ Surface Water/ Portable Water/ Swimming Pool Water	Escherichia coli.	IS 1622: 1981 (RA 2009)	Qualitative (Present/Absent)/100 ml
		Coliform bacteria	IS 1622: 1981 (RA 2009)	(2 MPN to 1600 MPN)/ 100 ml
		Feacal coliform bacteria	IS 1622: 1981 (RA 2009)	Qualitative (Present/Absent)/ 100 ml
		Standard Plate Count	IS 1622: 1981 (RA 2009)	1 cfu/ml to 10 ⁷ cfu/ml
2.	Packaged Drinking Water /Packaged Natural Mineral Water	Escherichia coli	IS 5887 (Part 1): 1976 (RA 2005)	Qualitative (Present /Absent) /250 ml
		Coliform bacteria	IS 5401 (Part 1): 2002	Qualitative (Present /Absent) /250 ml
		Faecal streptococci	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Sulphite reducing anaerobes	IS 13428: 2005 (RA 2009) Annexure C	Qualitative (Present / Absent)/50 ml

Laboratory	Arihant Analytical Laboratory Pvt. Ltd., Plot No. 272, Sector-57, Phase-IV, HSIIDC, Kundli, Sonapat, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	01.06.2015
Certificate Number	T-3462	Valid Until	31.05.2017
Last Amended on	-	Page	8 of 8

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 /Packaged Natural Mineral Water	Pseudomonas aeruginosa	IS 13428: 2005 (RA 2009) Annexure D	Qualitative (Present /Absent) /250 ml
		Aerobic microbial count (at 20 °C to 22 °C for 72 Hrs and at 37 °C for 24 Hrs)	IS 5402: 2012	1 cfu/ml to 10 ⁴ cfu/ml
		Yeast & Mould	IS 5403: 1999 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Salmonella spp.	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Shigella spp.	IS 5887 (Part 7): 1999 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Vibrio cholera	IS 5887 (Part 5): 1976 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Vibrio Parahaemolyticus	IS 5887 (Part 5): 1976 (RA 2005)	Qualitative (Present/Absent)/250 ml
		Staphylococcus aureus	IS 5887 (Part 2): 1976 (RA 2005)	Qualitative (Present/Absent)/250 ml

~~-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**.