

<b>Laboratory</b>	<b>Vsix Analytical Labs Pvt. Ltd., #77 (502/503), 2<sup>nd</sup> Floor, 21<sup>st</sup> 'D' Cross, Muthurayaswamy Layout, Sriganthakaval, Sunkadakatte, Bangalore, Karnataka</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Biological Testing</b>	<b>Issue Date</b>	<b>21.07.2014</b>
<b>Certificate Number</b>	<b>T-3049</b>	<b>Valid Until</b>	<b>20.07.2016</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I.</b>	<b>WATER</b>			
1.	<b>Drinking water/ Waste water/ Potable water/ Water for ice / Water for food process industry/ Swimming pool water</b>	Total bacterial count/ml	IS:1622-1981 (Reaffirmed 2009)	≥ 1 Colony Forming Unit
		MPN, Coliform/100ml	IS:1622-1981 (Reaffirmed 2009)	≥ 1 Colony Forming Unit
		Faecal coliform/ 100ml	IS:1622-1981 (Reaffirmed 2009)	≥ 1 Colony Forming Unit
		Escherichia coli/ 100ml	IS:1622-1981 (Reaffirmed 2009)	Absent/present
2.	<b>Packaged Drinking Water/Natural Mineral Water</b>	Escherichia coli/250ml	IS:15185-2002 & IS:5887 (Part I)-1976 (Reaffirmed 2009)	Absent/present
		Coliform bacteria/250ml	IS:5401(Part 1)-2012	Absent/present
		Yeast and mould/250ml	IS:5403-1999 (Reaffirmed 2009)	Absent/present
		Aerobic microbial count at 37 <sup>0</sup> C	IS:5402-2012	≥ 1 Colony Forming Unit
		Aerobic microbial count at 20 <sup>0</sup> C	IS:5402-2012	≥ 1 Colony Forming Unit
<b>II.</b>	<b>FOOD &amp; AGRICULTURAL PRODUCTS</b>			
1.	<b>Milk powder &amp; dairy products</b>	Total bacterial count/g	IS:5402-2012	≥ 10 Colony Forming Units
		Total coliform count/0.1g	IS:5401 (Pt-1) 2012	Absent/ present

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2.	Ice-cream	Standard plate count/g	IS:2802-1964 Appendix F (Reaffirmed 2011)	≥ 10 Colony Forming Units
		Coliform count/g	IS:2802-1964 Appendix G (Reaffirmed 2011)	≥ 10 Colony Forming Units
3.	Spices & condiments	Total bacterial count/g	IS:5402-2012	≥ 10 Colony Forming Units
		Total yeast and mould count/g	IS:5403-1999 (Reaffirmed 2009)	≥ 10 Colony Forming Units
		Escherichia coli/g	IS:5887(Part I)-1976 (Reaffirmed 2009)	Absent/present
4.	Cocoa products	Total microbial count/g	IS:5402-2012	≥ 10 Colony Forming Units
		Escherichia coli/g	IS:5887(Part I)-1976 (Reaffirmed 2009)	Absent/ present
5.	Tea and tea products	Total microbial count/g	IS:5402-2012	≥ 10 Colony Forming Units
		Total yeast and mould count/g	IS:5403-1999 (Reaffirmed 2009)	≥ 10 Colony Forming Units
		Total coliform count/g	IS:5401(Part 1)-2012	≥ 10 Colony Forming Unit
		Escherichia coli/g	IS:5887(Part I)-1976 (Reaffirmed 2009)	Absent/ present

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<b>6.</b>	<b>Coffee and instant coffee powder</b>	Total microbial count/g	IS:5402-2012	≥ 10 Colony Forming Units
		Total yeast and mould count/g	IS:5403-1999 (Reaffirmed 2009)	≥ 10 Colony Forming Units
		Total coliform count/g	IS:5401(Part 1)-2012	≥ 10 Colony Forming Units
		Escherichia coli/g	IS:5887(Part I)-1976 (Reaffirmed 2009)	Absent/present
<b>7.</b>	<b>Jams and squashes</b>	Escherichia coli/g	IS:5887(Part I)-1976 (Reaffirmed 2009)	Absent/present
<b>8.</b>	<b>Infant food</b>	Total bacterial count/g	IS:5402-2012	Absent/Present
		Total coliform count/0.1g	IS:5401(Part 1)-2012	≥ 10 Colony Forming Units
		Total yeast and mould count/g	IS:5403-1999 (Reaffirmed 2009)	≥ 10 Colony Forming Units
<b>9.</b>	<b>Cooked vegetables/ cooked foods</b>	Aerobic plate count/ Total microbial count/g	IS:5402-2012	≥ 10 Colony Forming Units
		Total coliform count/g	IS:5401(Part 1)-2012	≥ 10 Colony Forming Units

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**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Biological Testing **Issue Date** 21.07.2014

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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
		Total yeast and mould count/g	IS:5403-1999 (Reaffirmed 2009)	≥ 10 Colony Forming Units
		Escherichia coli/g	IS:5887(Part I)-1976 (Re-affirmed 2009)	Absent/present
10.	Animal feeds	Total coliform count/g	IS:7874(Part III)-1975 (Reaffirmed 2009)	≥ 10 Colony Forming Units

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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.**