

Laboratory	Anacon Laboratories Pvt. Ltd., FP-34, 35 MIDC Food Park, Butibori, Nagpur, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	04.10.2014
Certificate Number	T-1826	Valid Until	03.10.2016
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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.	WATER			
1.	Drinking Water	<i>Coliform</i>	IS 1622 : 1981 Reaffirmed 2009	≤1.0 – 1600 MPN/ 100 ml
		<i>E. coli</i>	IS 1622 : 1981 Reaffirmed 2009	Present/Absent/100 ml
2.	Packaged Drinking Water	<i>E. coli</i>	IS 5887(Part 1):1976 Reaffirmed 2007 IS 15185:2002 Reaffirmed 2009	Present/Absent/ 250 ml
		<i>Coliform</i>	IS 5401(Part 1):2002 Reaffirmed 2007 IS 15185:2002 Reaffirmed 2009	Present/Absent /250 ml
		Faecal Streptococci/Enterococci	IS 5887(Part 2):1976 Reaffirmed 2009	Present/Absent /250 ml
		<i>Staphylococcus aureus</i>	IS 5887(Part 2):1976 Reaffirmed 2009	Present/Absent /250 ml
		Sulphite Reducing Anaerobes	IS 13428 :2005 (Annex C) Reaffirmed 2009	Present/Absent/ 50 ml
		<i>Pseudomonas aeruginosa</i>	IS 13428 :2005 (Annex D) Reaffirmed 2009	Present/Absent /250 ml

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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
	Packaged Drinking Water	Aerobic Microbial Count (20-22°C, 37°C)	IS 5402:2012	≥1.0 cfu/ml
		Yeast and Mould	IS 5403:1999 Reaffirmed 2009	Present/Absent /250 ml
		Salmonella	IS 15187:2002 Reaffirmed 2009 IS 5887 (Part 3):1999 Reaffirmed 2009	Present/Absent /250 ml
		<i>Shigella</i>	IS 5887(Part 7):1999 Reaffirmed 2009	Present/Absent /250 ml
		<i>Vibrio cholerae</i>	IS 5887(Part 5):1976 Reaffirmed 2009	Present/Absent /250 ml
		<i>Vibrio parahaemolyticus</i>	IS 5887(Part 5):1976 Reaffirmed 2009	Present/Absent /250 ml
3.	Natural Mineral Water	<i>E coli</i>	IS 5887(Part 1):1976 Reaffirmed 2009 IS 15185:2002 Reaffirmed 2009	Present/Absent /250 ml
		<i>Coliform</i>	IS 5401(Part 1):2002 Reaffirmed 2007 IS 15185:2002 Reaffirmed 2009	Present/Absent /250 ml

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		Faecal Streptococci/Enterococci	IS 5887(Part 2):1976 Reaffirmed 2009	Present/Absent /250 ml
		<i>Staphylococcus aureus</i>	IS 5887(Part 2):1976 Reaffirmed 2009	Present/Absent /250 ml
		Sulphite Reducing Anaerobes	IS 13428 :2005 (Annex C) Reaffirmed 2009	Present/Absent/ 50 ml
		<i>Pseudomonas aeruginosa</i>	IS 13428 :2005 (Annex D) Reaffirmed 2009	Present/Absent /250 ml
		Yeast and Mould	IS 5403:1999 Reaffirmed 2009	Present/Absent /250 ml
		Salmonella	IS 15187:2002 Reaffirmed 2009 IS 5887(Part 3):1999 Reaffirmed 2009	Present/Absent /250 ml
		<i>Shigella</i>	IS 5887(Part 7):1999 Reaffirmed 2009	Present/Absent /250 ml
		<i>Vibrio cholerae</i>	IS 5887(Part 5):1976 Reaffirmed 2009	Present/Absent /250 ml
		<i>Vibrio parahaemolyticus</i>	IS 5887(Part 5):1976 Reaffirmed 2009	Present/Absent /250 ml

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4.	Water for Swimming Pools	Coliform Organisms	IS 1622 : 1981 Reaffirmed 2009	≤1.0 – 1600 MPN/ 100 ml
		Standard Plate Count	IS 3328:1993(Annex A) Pour Plate 2008	≥1.0 cfu/ml
5	Water for Food Processing Industries	Coliform MPN index	IS 1622-1981 Reaffirmed 2009	≤1.0 – 1600 MPN/ 100 ml
		Standard Plate count	IS 1622-1981 Reaffirmed 2009	≥1.0 cfu/ml
		Proteolytic Organisms	IS 4251-1967 Reaffirmed 2009	≥1.0 cfu/ml
		and lipolytic organisms	IS 4251-1967 Reaffirmed 2009	≥1.0 cfu/ml
		Thermophillic Bacteria	IS 4251-1967 Reaffirmed 2009	≥1.0 cfu/ml
II. FOOD & AGRICULTURAL PRODUCTS				
1.	Milk and Milk Products	Bacterial Count	IS 5402:2012	≥10 cfu/g
		Coliform Count	IS 5401(Part 1) : 2002 Reaffirmed 2007	≥1.0 cfu/ml
			IS 3507 : 1966 Reaffirmed 2009	≥1.0 cfu/ml
			IS 5401(Part 2) : 2012 Reaffirmed 2007	≤1.0 – 1600 MPN/ ml or g

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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
	Milk and Milk Products	<i>Shigella</i>	IS 5887 (Part 7):1976 Reaffirmed 2009	Present/ Absent/ 25g
		<i>Salmonella</i>	IS 5887 (Part 3):1999 Reaffirmed 2009	Present/ Absent/ 25g
		Yeast and Mould Count	IS 5403:1999 Reaffirmed 2009 IS 3507 : 1966 Reaffirmed 2009	≥10 cfu/g ≥1.0 cfu/ml
		<i>Staphylococcus aureus</i>	IS 5887(Part 2):1976 Reaffirmed 2009	Present/ Absent/ g
		<i>E.coli</i>	IS 5887(Part1):1975 Reaffirmed 2007	Present/ Absent/ g
2.	Fruit Juices and concentrates	Faecal streptococci	IS 5887(Part 2):1976 Reaffirmed 2009	Present/ Absent/ ml/ 25 ml
		Vibrio cholerae	IS 5887(Part 5):1976 Reaffirmed 2009	Present/ Absent/ ml/ 25 ml
		Vibrio parahaemolyticus	IS 5887(Part 5):1976 Reaffirmed 2009	Present/ Absent/ ml/ 25 ml
		E.coli	IS 5887(Part1):1975 Reaffirmed 2009	Present/ Absent/ ml

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		Salmonella	IS 5887(Part 3):1999 Reaffirmed 2009	Present/ Absent/ 25 ml
		Shigella	IS 5887(Part 7):1976 Reaffirmed 2009	Present/ Absent/r 25 ml
		<i>Staphylococcus aureus</i>	IS 5887(Part 2):1976 Reaffirmed 2009	Present/ Absent/ ml
		Bacillus cereus	BAM, January 2001	≥1.0 cfu/ml
3.	Ground Spices Coriander Powder	<i>Salmonella</i>	IS 5887(Part 3):1999 Reaffirmed 2009	Present/ Absent Per 25g
4.	Carbonated Beverages	Total Plate Count	IS 5402:2012	≥1.0 cfu/ml
		Yeast and Mould	IS 5403:1999 Reaffirmed 2009	≥1.0 cfu/ml
		Coliform Count	IS 5401(Part 2) : 2012 Reaffirmed 2007	≤1.0 – 1600 MPN/100ml
		Vibrio cholerae	IS 5887(Part 5):1976 Reaffirmed 2009	Present/ Absent/ml/ 25 ml
		Vibrio parahaemolyticus	IS 5887(Part 5):1976 Reaffirmed 2009	Present/ Absent/ml/ 25 ml

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5.	Animal feed	Coliform Count	IS 7874: 1975(Part 3) Reaffirmed 2009	≥10 cfu/g
		Salmonella	IS 5887(Part 3):1999 Reaffirmed 2009	Present/ Absent/25g
6.	Pickles	Yeast and Mould	IS 5403:1999 Reaffirmed 2009	≥10 cfu/g
		Vibrio cholerae	IS 5887(Part 5):1976 Reaffirmed 2009	Present/ Absent/ ml/ 25 ml
		Vibrio parahaemolyticus	IS 5887(Part 5):1976 Reaffirmed 2009	Present/ Absent/ml/ 25 ml

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