

Laboratory	Poluchem Laboratories (P) Ltd., Pallath Building, North Kalamassery, Ernakulam, Kerala		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	25.08.2015
Certificate Number	T-2938	Valid Until	24.08.2017
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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. FOOD AND AGRICULTURAL PRODUCTS				
1.	Other Cooked Food/Processed Food	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to ≥1100 MPN)/g ≤ 10 CFU /g
		E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887: 1999	≤ 10 CFU /g (<3 MPN to ≥1100 MPN)/g
		Staphylococcus Aureus		≤ 10 CFU /g
		Salmonella	USFDA BAM (8 th Edition): 2001 Chapter 12 USFDA BAM (8 th Edition): 2011 Chapter 5/ IS 5887: 1999	Qualitative (Present/Absent)/25 g
2.	Herbs, Spices & Condiments	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to ≥1100 MPN)/g ≤ 10 CFU /g

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	Herbs, Spices & Condiments	E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887: 1999	≤ 10 CFU /g (<3 MPN to ≥1100 MPN)/g
		Yeast and Mold	USFDA BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1999	≤ 10 CFU /g
		Staphylococcus Aureus	USFDA BAM (8 th Edition): 2001 Chapter 12	≤ 10 CFU /g
		Salmonella	USFDA BAM (8 th Edition): 2011 Chapter 5/ IS 5887: 1999	Qualitative (Present/Absent)/25 g
3.	Tea	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to 1100 MPN)/g ≤ 10 CFU /g
		E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887 (Part 1): 1976	≤ 10 CFU /g
		Yeast and Mold	USFDA BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1999	(<3 MPN to 1100 MPN)/g ≤ 10 CFU /g
		Staphylococcus Aureus	USFDA BAM (8 th Edition): 2001 Chapter 12	≤ 10 CFU /g

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	Tea	Salmonella	USFDA BAM (8 th Edition): 2011 Chapter 5/ IS 5887 (Part 3): 1999	Qualitative (Present/Absent)/25 g
4.	Jams, Juices, Sauces & Concentrates	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to ≥1100MPN)/g ≤ 10 CFU /g
		E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887 (Part 1): 1976	(<3 MPN to ≥1100MPN)/g
		Yeast and Mold	USFDA BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1999	≤ 10 CFU /g
		Staphylococcus Aureus	USFDA BAM (8 th Edition): 2001 Chapter 12	≤ 10 CFU /g
		Salmonella	USFDA BAM (8 th Edition): NOV 2011: Chapter 5/ IS 5887 (Part 3): 1999	Qualitative (Present/Absent)/25 g
5.	Bakery and Confectionery Products	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to ≥1100MPN)/g ≤ 10 CFU /g

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	Bakery and Confectionery Products	E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887 (Part 1): 1976	(<3 MPN to ≥1100MPN)/g
		Yeast and Mold	USFDA BAM (8 th Edition): 2001 Chapter 18/ IS 5403: 1999	≤ 10 CFU /g
		Staphylococcus Aureus	USFDA BAM (8 th Edition): 2001 Chapter 12	≤ 10 CFU /g
		Salmonella	USFDA BAM (8 th Edition): 2011 Chapter 5/ IS 5887 (Part 3): 1999	Qualitative (Present/Absent)/25 g
6.	Canned and Processed Foods	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to ≥1100MPN)/g ≤ 10 CFU /g
		E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887 (Part 1): 1976	≤ 10 CFU /g
		Yeast and Mold	USFDA BAM (8 th Edition):2001 Chapter 18/ IS 5403: 1999	(<3 MPN to ≥1100MPN)/g ≤ 10 CFU /g
		Staphylococcus Aureus	USFDA BAM (8 th Edition): 2001 Chapter 12	≤ 10 CFU /g

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	Canned and Processed Foods	Salmonella	USFDA BAM (8 th Edition): 2011 Chapter 5/ IS 5887 (Part 3): 1999	Qualitative (Present/Absent)/25 g
7.	Vegetable and Vegetable Products	Total Plate Count	USFDA BAM (8 th Edition): 2001 Chapter 3/ IS 5402: 2002	≤ 10 CFU /g
		Coliforms	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5401: 2002	(<3 MPN to ≥1100MPN)/g ≤ 10 CFU /g
		E Coli	USFDA BAM (8 th Edition): 2002 Chapter 4/ IS 5887 (Part 1): 1976	≤ 10 CFU /g
		Yeast and Mold	USFDA BAM (8 th Edition): 2001 Chapter 18/ IS5403: 1999	(<3 MPN to ≥1100MPN)/g ≤ 10 CFU /g
		Staphylococcus Aureus	USFDA BAM (8 th Edition): 2001 Chapter 12	≤ 10 CFU /g
		Salmonella	USFDA BAM (8 th Edition): 2011 Chapter 5/ IS 5887 (Part 3): 1999	Qualitative (Present/Absent)/25 g
II.	WATER			
1.	Drinking Water	Coliforms	IS 1622: 1981 (RA 1996)	(≤2 MPN to ≥1600 MPN)/ 100 ml
		E Coli	IS 1622: 1981 (RA 1996)	Qualitative (Present/Absent)/100 ml

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2.	Water for Swimming Pool and Spa	Total Plate Count	IS 3328: 1993 (RA 2003)	≤10 cfu/ml
		Coliforms	IS 1622: 1981 (RA 1996)	(≤2 MPN to ≥1600 MPN)/100 ml
		Feacal Coliforms	IS 1622: 1981 (RA 1996)	(≤2 MPN to ≥1600 MPN)/100 ml
		E Coli	IS 1622: 1981 (RA 1996)	Qualitative (Present/Absent)/100 ml
		Salmonella	IS 5887 (Part 3): 1999 (RA 2005)	Qualitative (Present/Absent)/100 ml

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