



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **EUROFINS ANALYTICAL SERVICES INDIA PRIVATE LIMITED, BANGALORE**

540/1, DODDANEKUNDI INDUSTRIAL AREA 2, GRAPHITE INDIA ROAD, HOODI, WHITEFIELD  
BENGALURU, 560048, REPUBLIC OF INDIA

### **Testing Laboratory TL-1097 Part 1**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 12, 2024



A handwritten signature in black ink that reads 'Raj Nathan'.

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## EUROFINS ANALYTICAL SERVICES INDIA PRIVATE LIMITED, BANGALORE

[www.eurofins.in](http://www.eurofins.in)

**Contact Name** JYOTI SINDHU

**Contact Phone** +91-9538091100

*Accredited to ISO/IEC 17025:2017*

*Effective Date January 12, 2024*

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Microbiological	Air Plate	Aerobic Plate Count	ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms – Part 1: Colony Count at 30 °C by the Pour Plate Technique
		Bacillus cereus	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 7932 Microbiology of Food and Animal Feeding Stuffs – Horizontal Method for the Enumeration of Presumptive Bacillus Cereus – Colony-Count Technique at 30 °C
		Coliforms	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 4832 Microbiology of food and animal feeding stuffs – horizontal method for the enumeration of coliforms – colony-count technique
		Enterobacteriaceae	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae – Part 1: Detection of Enterobacteriaceae
		Escherichia coli	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation

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Eurofins Analytical Services  
India Private Limited,  
Bangalore



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli – Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
		Listeria monocytogenes	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
		Salmonella	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
		Shigella	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
		Staphylococcus aureus	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) —

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
			Part 1: Method using Baird-Parker agar medium
		Vibrio cholerae	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
		Vibrio parahaemolyticus	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
		Yeasts and Moulds	EASI-MB-SOP-06 Procedure for Air Monitoring and Fumigation
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Animal Nutrition Supplements, Aquaculture feed additives, Aquaculture feed ingredients, Cotton seed cake, Fish, Shrimps, Prawn feed, Groundnut meal, Guar Meal, Oil Cake, Pet Foods, Poultry feed	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique



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	additives, Rapeseed Meal, Others		US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning: Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostrid/um botul inum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8: Horizontal Method for Enumeration of Cagulase-Positive Staphylococci (Staphylococcus Aureus and

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			other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird- parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS

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			Listeria monocytogenes II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning

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			:part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95

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	Ayurevda Aahara (Food)	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
		Enterobacteriaceae	IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
		Yeast and Mold	US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Bakery & Confectionery Products, Beverages (Alcoholic / Non-	Listeria monocytogenes	IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method



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	Alcoholic), Canned & Processed Foods , Cereals, Pulses & Cereal Products , Coffee & Cocoa Products , Edible Colors & Flavors , Oils & Fats, Edible Salts , Eggs & Egg Products , Essential Nutrients Including Vitamins , Food Additives & Preservatives, Fruit & Fruit Products , Gelatin and Other Gums, Herbs, Spices & Condiments, Honey & Honey Products, Infant Foods, Jams, Juices, Sauces & Concentrates , Meat & Meat Products , Milk & Dairy Products, Natural Waxes , Nuts & Nut Products, Oil Seeds & By-Products , Poultry & Poultry Products, Snacks and Instant Mixes , Starch & Starch Products , Sugar & Sugar Products , Tea, Tobacco & Tobacco Products , Vegetables & Vegetable Products , Lecithin, Raw materials used in Industries and Others		ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of <i>Listeria Monocytogenes</i> and of <i>Listeria Spp.</i> — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of <i>Listeria monocytogenes</i> in Foods and Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods
		Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive <i>Bacillus Cereus</i> , Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 <i>Bacillus cereus</i>
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and

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			Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and

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			enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C

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			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
			Osmophilic Yeast
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)

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			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium

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			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus

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			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Beverages (Alcoholic / Non-Alcoholic)	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Presumptive <i>Bacillus Cereus</i> , Part 6 Colony-count Technique at 30o C

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 <i>Bacillus cereus</i>
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci ( <i>Staphylococcus aureus</i> and other species) —



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			Shigella
		ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.	
		US FDA BAM Chapter 6 Shigella	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
	Beverages (Non-Alcoholic-Carbonated)	Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Canned & Processed Food	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count

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*Effective Date January 12, 2024*

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Microbiological continued	Canned & Processed Food continued	Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		pH at 37 degree C for 10 days	IS 2860 Methods of sampling and test for processed fruits and vegetables
		pH at 55 degree C for 7 days	IS 2860 Methods of sampling and test for processed fruits and vegetables
		Salmonella	AOAC 2004.03 VIDAS

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Cereals, Pulses & Cereal Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus,

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 <i>Bacillus cereus</i>
		<i>Clostridium perfringens</i>	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of <i>Clostridium perfringens</i> ( <i>clostridium Welchii</i> ) and <i>clostridium botulinum</i> and enumeration of <i>clostridium perfringens</i>
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of <i>Clostridium perfringens</i> — Colony-count technique
		Coagulase positive <i>Staphylococcus aureus</i>	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci ( <i>Staphylococcus</i>

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			aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Cronobacter sakazakii	ISO 22964 Microbiology of the food chain — horizontal method for the detection of Cronobacter spp.
		Cronobacter spp.	ISO 22964 Microbiology of the food chain — horizontal method for the detection of Cronobacter spp.
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of

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			Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Faecal streptococci	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms



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			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
			Osmophilic Yeast
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Coffee and Cocoa products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		<i>Bacillus cereus</i>	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive <i>Bacillus Cereus</i> , Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuff - Horizontal Method for

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Enumeration of Yeast and Molds	US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-

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			chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			Shigella



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and

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			moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Distilled /Demineralized Water, Drinking Water, Ground	Clostridium perfringens	ISO 14189 Water quality — enumeration of clostridium perfringens — method using membrane filtration
	Water/ Surface Water, Packaged Drinking Water, Packaged Natural Mineral Water, Water for Construction Purpose, Water for industrial purpose, Water for Medicinal Purposes, Water for Processed Food Industry, Water for Swimming Pool and Spas, Water Purifiers, Others	Coliforms	IS 15185 Water Quality - Detection and Enumeration of Escherichia Coli and Coliform Bacteria - Memberane Filtration Method for Water with Low Bacterial Background Flora
			IS 1622 Methods of sampling and microbiological examination of water
			ISO 9308-1 Water quality — Enumeration of Escherichia coli and coliform bacteria — part 1: membrane filtration method for waters with low bacterial background flora
		Colony count @ 220C	ISO 6222 Water quality — enumeration of culturable micro-organisms — colony count by inoculation in a nutrient agar culture medium
		Colony count @ 370C	ISO 6222 Water quality — enumeration of culturable micro-organisms — colony count by inoculation in a nutrient agar culture medium
		Enterococci	ISO 7899-2 Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method
		Escherichia coli	IS 15185 Water Quality - Detection and Enumeration of Escherichia Coli and Coliform Bacteria - Memberane Filtration Method for Water with Low Bacterial Background Flora
			ISO 9308-1 Water Quality - Enumeration of Escherichia Coli and Coliform Bacteria — Part 1: Memberane Filtration

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			Method for Water with Low Bacterial Background Flora
			SMEWW Chapter 9221 F Escherichia coli Procedure using fluorogenic substrate
			SMEWW Chapter 9221B Standard Total Coliform fermentation technique
		Faecal Streptococci	IS 15186 Water Quality - Detection and Enumeration of Escherichia Coli and Coliform Bacteria - Membrane Filtration Method for Water with Low Bacterial Background Flora
		Fecal coliform	IS 1622 Methods of sampling and microbiological examination of water
			SMEWW Chapter 9221 E Thermotolerant (Fecal) Coliform Procedure
		Fecal Enterococcus	SMEWW Chapter 9230B Multiple tube technique
		Fecal Streptococci	IS 15186 Water Quality - Detection and Enumeration of Escherichia Coli and Coliform Bacteria - Membrane Filtration Method for Water with Low Bacterial Background Flora
			SMEWW Chapter 9230B Multiple tube technique
		MS2Phage	USEPA 1602 Male-specific (F+) and Somatic Coliphage in Water by Single Agar Layer (SAL) Procedure
		Proteolytic and lipolytic count	IS 4251 Quality tolerances for water for processed food industry
		Pseudomonas aeruginosa	IS 13428 Annex D Detection and enumeration of Pseudomonas aeruginosa
			ISO 16266 Water quality — Detection and enumeration of Pseudomonas aeruginosa — Method by membrane filtration



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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
		Salmonella	IS 15187 Water Quality - Detection of Salmonella Species
			SMEWW Chapter 9260 B Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
		Slime forming bacteria	IS 1622 Methods of sampling and microbiological examination of water
		Standard Plate Count	IS 1622 Methods of sampling and microbiological examination of water
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
		Sulphite reducing anaerobes (Clostridia)	IS 13428 Annex C Detection and enumeration of the spores of sulphite-reducing anaerobes (Clostridia)
		Total plate count	SMEWW Chapter 9215B pour Plate method
		Total Plate Count @ 22 Degree C	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
		Total Plate Count @ 37 Degree C	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			:part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
		<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
		Yeast and Mould	IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
	Edible Colors & Flavors, Food Additives, Preservative	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		<i>Bacillus cereus</i>	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive <i>Bacillus Cereus</i> , Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 <i>Bacillus cereus</i>
		<i>Clostridium perfringens</i>	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning

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			: Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
		Enterobacteriaceae	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Microbiological continued	Edible Colors & Flavors, Food Additives, Preservative continued	Escherichia coli	ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
			IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta- glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4- chloro-3-indolyl beta-D- glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5- bromo-4-chloro-3-indolyl-β-D- glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli —

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Most probable number technique
		Lactic acid bacteria	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
		Listeria monocytogenes	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
			AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
		Osmophilic Yeast	US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Salmonella	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
			AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
		Shigella	US FDA BAM Chapter 5 Salmonella
			IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
		Staphylococcus aureus	US FDA BAM Chapter 6 Shigella
			IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria

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			Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
		Sulphite reducing bacteria	US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
		Vibrio parahaemolyticus	US FDA BAM Chapter 9 Vibrio



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
		Yeast and Mold	US FDA BAM Chapter 9 <i>Vibrio</i>
			AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Edible Oil & Fats	<i>Escherichia coli</i>	ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i> — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
		<i>Listeria monocytogenes</i>	AOAC 2004.02 <i>Listeria monocytogenes</i> in foods VIDAS <i>Listeria monocytogenes</i> II (LMO2)

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of <i>Listeria Monocytogenes</i> and of <i>Listeria</i> Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of <i>Listeria monocytogenes</i> in Foods and Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of <i>Salmonella</i> Section 1 Detection of <i>Salmonella</i> spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection,

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			enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
	Edible Salts and Inorganic salts	Escherichia coli	ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
	Effluents/Waste water	Clostridium perfringens	ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Escherichia coli	SMEWW Chapter 9221 F Escherichia coli Procedure using fluorogenic substrate
			SMEWW Chapter 9221B Standard Total Coliform fermentation technique



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		Fecal coliform	SMEWW Chapter 9221 E Thermotolerant (Fecal) Coliform Procedure
		Fecal Enterococcus	SMEWW Chapter 9230B Multiple tube technique
		Fecal Streptococci	SMEWW Chapter 9230B Multiple tube technique
		MS2 Phage	USEPA 1602 Male-specific (F+) and Somatic Coliphage in Water by Single Agar Layer (SAL) Procedure
		Salmonella	SMEWW Chapter 9260 B Salmonella
		Total plate count	SMEWW Chapter 9215B pour Plate method
	Egg & Egg Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
			IS 5887 (P-4) Methods for Detection of Bacteria
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
			Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide

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			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogenes II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria



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			Spp. — Part 1: Detection Method	
			US FDA BAM Chapter 10 Detection of <i>Listeria monocytogenes</i> in Foods and Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods	
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms	
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method	
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)	
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.	
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	
			US FDA BAM Chapter 5 Salmonella	
			Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
				ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.

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			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning

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			:part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning: part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			ISO 21527-2 Microbiology of food and animal feeding

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			stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
	Fish & Fish Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs —



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			Horizontal method for the enumeration of <i>Clostridium perfringens</i> — Colony-count technique
		Coagulase positive <i>Staphylococcus aureus</i>	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive <i>Staphylococci</i> ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive <i>Staphylococci</i> ( <i>Staphylococcus aureus</i> and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique

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			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Escherichia coli	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
			IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide

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			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
		Lactic acid bacteria	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
		Listeria monocytogenes	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
			AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
		Osmophilic Yeast	US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods

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		Salmonella	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
			AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
		Shigella	US FDA BAM Chapter 5 Salmonella
			IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
		Staphylococcus aureus	US FDA BAM Chapter 6 Shigella
			IS 5887 (P-8) Methods for



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			Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
		Sulphite Reducing Bacteria	US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus

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		Vibrio parahaemolyticus	US FDA BAM Chapter 9 Vibrio
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
		Yeast and Mold	US FDA BAM Chapter 9 Vibrio
			AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
	Fortified Food, Carotenoids, Dietary Fibres, Flavonoids, Fortified Food, Phytoestrogens, Prebiotics, Probiotics, Soy Proteins, Others	Aerobic Plate count	ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique

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		Bacillus cereus	US FDA BAM Chapter 3 Aerobic Plate Count
			IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
		Clostridium perfringens	US FDA BAM Chapter 14 Bacillus cereus
			IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
		Coagulase positive Staphylococcus aureus	ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
			IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
		Coliforms	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird- parker agar medium
			IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
		Enterobacteriaceae	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
		Escherichia coli	ISO 21528-1 Horizontal method for the detection and enumeration of



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
			IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
		Lactic acid bacteria	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
		Listeria monocytogenes	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
			AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method

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*Accredited to ISO/IEC 17025:2017*

*Effective Date January 12, 2024*

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Microbiological continued	Fortified Food, Carotenoids, Dietary Fibres, Flavonoids, Fortified Food, Phytoestrogens, Prebiotics, Probiotics, Soy Proteins, Others continued	Osmophilic Yeast	US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Salmonella	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
			AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Salmonella — Part 1: Detection of Salmonella spp.
		Shigella	US FDA BAM Chapter 5 Salmonella
			IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
		Staphylococcus aureus	US FDA BAM Chapter 6 Shigella
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
		Sulphite reducing bacteria	US FDA BAM Chapter 12 Staphylococcus aureus
			ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			bacteria growing under anaerobic conditions
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
		<i>Vibrio parahaemolyticus</i>	US FDA BAM Chapter 9 <i>Vibrio</i>
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
		Yeast and Mold	US FDA BAM Chapter 9 <i>Vibrio</i>
			AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			— Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Fruit and fruit Products	Aciduric Flat sour spore formers	CMMEF Chapter 25 Aciduric Flat Sour Sporeformers
		Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs —

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			Horizontal method for the enumeration of <i>Clostridium perfringens</i> — Colony-count technique
		Coagulase positive <i>Staphylococcus aureus</i>	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive <i>Staphylococci</i> ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive <i>Staphylococci</i> ( <i>Staphylococcus aureus</i> and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique

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			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide



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			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Escherichia coli O157 H7	IS 14397 Detecton, isolation and identification of pathogenic E. coli in food
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and

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			Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		pH at 37 degree C for 10 days	IS 2860 Methods of sampling and test for processed fruits and vegetables
		pH at 55 degree C for 7 days	IS 2860 Methods of sampling and test for processed fruits and vegetables
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			Shigella

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing

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			bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs



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			— Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Gelatin and Other Gums	Aerobic Plate Count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
		Lactic acid bacteria	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
	Herbal Formulation Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Coagulase positive Staphylococcus aureus	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
			IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning:



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			Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
		Coliforms	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive <i>Staphylococci</i> ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive <i>Staphylococci</i> ( <i>Staphylococcus aureus</i> and other species) — part 1: method using baird-parker agar medium
			IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
		Enterobacteriaceae	ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of <i>Escherichia coli</i> and the Coliform Bacteria
			IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Detection of Enterobacteriaceae
		Escherichia coli	IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
			IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
		Lactic acid bacteria	ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			CMMEF Chapter 19 Acid Producing Microorganisms
		Listeria monocytogenes	IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C
			AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
		Osmophilic Yeast	
		Salmonella	US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
			CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
			AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
		Shigella	ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
		Staphylococcus aureus	ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
			IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
		Sulphite reducing bacteria	ISO 6888-1 Microbiology of the food chain — Horizontal



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			method for the enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species) — Part 1: Method using Baird-Parker agar medium
		Sulphite reducing clostridia	US FDA BAM Chapter 12 <i>Staphylococcus aureus</i>
		Vibrio cholerae	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
		Vibrio parahaemolyticus	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
		Yeast and Mold	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
			AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
	Herbs, Spices and Condiments	Aerobic Plate count	ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
			IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
		Bacillus cereus	ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
		Clostridium perfringens	ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Coagulase positive Staphylococcus aureus	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
			IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
		Coliforms	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
			IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
		Enterobacteriaceae	ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
		Escherichia coli	IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
		Lactic acid bacteria	ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Listeria monocytogenes	CMMEF Chapter 19 Acid Producing Microorganisms
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
			AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogenes II (LMO2)

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. Part 1 Detection Method
		Osmophilic Yeast	ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of <i>Listeria Monocytogenes</i> and of <i>Listeria</i> Spp. — Part 1: Detection Method
		Salmonella	US FDA BAM Chapter 10 Detection of <i>Listeria monocytogenes</i> in Foods and Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods
			CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
			AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of <i>Salmonella</i> Section 1 Detection of <i>Salmonella</i> spp.
			Shigella

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
		Sulphite reducing Clostridia	ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
			IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
		Sulphite reducing Clostridia	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
		Sulphite reducing Clostridia	US FDA BAM Chapter 12 Staphylococcus aureus
		Vibrio cholerae	ISO 15213 Microbiology of food and animal feeding stuffs —

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>



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*Effective Date January 12, 2024*

<b>FIELDS OF TESTING</b>	<b>MATERIAL/ MATRIX</b>	<b>DETERMINANT(S)/ ANALYTE(S)</b>	<b>METHOD REFERENCE</b>
<b>Microbiological continued</b>	Herbs, Spices and Condiments continued	Vibrio parahaemolyticus	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus US FDA BAM Chapter 9 Vibrio IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
		Yeast and Mold	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus US FDA BAM Chapter 9 Vibrio AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
	Infant Foods & Formula	Aerobic Plate count	IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds

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	ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
Bacillus	ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique US FDA BAM Chapter 3 Aerobic Plate Count
	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
Clostridium perfringens	ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c US FDA BAM Chapter 14 Bacillus cereus
Coagulase positive Staphylococcus aureus	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostrid/um botul inum and enumeration of clostridium perfringens ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the

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	enumeration of <i>Clostridium perfringens</i> — Colony-count technique
	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
Coliforms	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci ( <i>Staphylococcus aureus</i> and other species) — part 1: method using baird- parker agar medium
	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
	ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
<i>Cronobacter sakazakii</i>	ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
<i>Cronobacter</i> spp.	US FDA BAM Chapter 4 Enumeration of <i>Escherichia coli</i> and the Coliform Bacteria

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Enterobacteriaceae	ISO 22964 Microbiology of the food chain — horizontal method for the detection of <i>Cronobacter</i> spp.
	ISO 22964 Microbiology of the food chain — horizontal method for the detection of <i>Cronobacter</i> spp.
	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
Escherichia coli	IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
	ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
	ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
	ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-



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	bromo-4-chloro-3-indolyl- $\beta$ -D-glucuronide
Faecal streptococci	ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive <i>Escherichia coli</i> — Most probable number technique
Lactic acid bacteria	US FDA BAM Chapter 4 Enumeration of <i>Escherichia coli</i> and the Coliform Bacteria IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci CMMEF Chapter 19 Acid Producing Microorganisms
<i>Listeria monocytogenes</i>	IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C AOAC 2004.02 <i>Listeria monocytogenes</i> in foods VIDAS <i>Listeria monocytogens</i> II (LMO2) IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. Part 1 Detection Method
Osmophilic Yeast	ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of <i>Listeria Monocytogenes</i> and of

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	Listeria Spp. — Part 1: Detection Method
Salmonella	US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme- Linked fluorescent Assay (ELFA) Screening method
	AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
	AOAC 996.08 VIDAS Salmonella in Foods Enzyme- Linked Immunofluorescent Assay Screening method ( VIDAS Salmonella (SLM) Assay)
	IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
Shigella	ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
	US FDA BAM Chapter 5 Salmonella
	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
Staphylococcus aureus	ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.

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	US FDA BAM Chapter 6 Shigella
	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
Sulphite reducing bacteria	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase- Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird- Parker agar medium
Vibrio cholerae	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite- reducing bacteria growing under anaerobic conditions
	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite- reducing bacteria growing under anaerobic conditions
	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
Vibrio parahaemolyticus	ISO 21872-1 Microbiology of the food chain — Horizontal

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		method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio</i> parahaemolyticus, <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i> US FDA BAM Chapter 9 <i>Vibrio</i>
		IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
	Yeast and Mold	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio</i> parahaemolyticus, <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i> US FDA BAM Chapter 9 <i>Vibrio</i> AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
Malted And Malt Based Foods	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique US FDA BAM Chapter 3 Aerobic Plate Count
	Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive <i>Bacillus Cereus</i> ,



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	Part 6 Colony-count Technique at 30o C
	ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony- count technique at 30 degrees c
	US FDA BAM Chapter 14 Bacillus cereus
Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostrid/um botul inum and enumeration of clostridium perfringens
	ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase- Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and

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		other species) — part 1: method using baird- parker agar medium
	Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
		ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
		ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
		US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
	Cronobacter sakazakii	ISO 22964 Microbiology of the food chain — horizontal method for the detection of Cronobacter spp.
	Cronobacter spp.	ISO 22964 Microbiology of the food chain — horizontal method for the detection of Cronobacter spp.
	Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
		IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
		ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae

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Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
	ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
	ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
	ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
Faecal streptococci	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
	IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C

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	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C
Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogenes II (LMO2)
Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay) IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp. ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. US FDA BAM Chapter 5 Salmonella
Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella



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	ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of <i>Shigella</i> spp.
	US FDA BAM Chapter 6 <i>Shigella</i>
Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species) — Part 1: Method using Baird- Parker agar medium
	US FDA BAM Chapter 12 <i>Staphylococcus aureus</i>
Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning

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		:part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
		ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
		US FDA BAM Chapter 9 <i>Vibrio</i>
	<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
		ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
	Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
		US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
		IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
		ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Meat and meat products	Aerobic Plate count
		IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-

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	Organisms — Colony-Count Technique at 30o C
	ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
	US FDA BAM Chapter 3 Aerobic Plate Count
Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
	ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
	US FDA BAM Chapter 14 Bacillus cereus
Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
	ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
	IS 5887 (P-8) Methods for Detection of Bacteria

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	Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird- parker agar medium
Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
	ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
	ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
	IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique



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	ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
	ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
	ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
	ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
Lactic acid bacteria	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
	IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic

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		lactic acid bacteria — Colony-count technique at 30 degrees C
	Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogenes II (LMO2)
		IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
		ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
		US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
	Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
	Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
		AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
		AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
		IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.

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	ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
	US FDA BAM Chapter 5 Salmonella
Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
	ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
	US FDA BAM Chapter 6 Shigella
Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird- Parker agar medium
	US FDA BAM Chapter 12 Staphylococcus aureus
Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
Sulphite reducing clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions

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Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
	US FDA BAM Chapter 9 Vibrio
Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning: part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
	ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
	US FDA BAM Chapter 9 Vibrio
Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
	US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
	IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
	ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products



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		with water activity greater than 0,95
		ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
Milk & Dairy Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique US FDA BAM Chapter 3 Aerobic Plate Count
	Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c US FDA BAM Chapter 14 Bacillus cereus
	Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostrid/um botul inum and enumeration of clostridium perfringens

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	ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
	IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird- parker agar medium
Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
	ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
	ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique

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	US FDA BAM Chapter 4 Enumeration of <i>Escherichia coli</i> and the Coliform Bacteria
<i>Cronobacter sakazakii</i>	ISO 22964 Microbiology of the food chain — horizontal method for the detection of <i>Cronobacter</i> spp.
<i>Cronobacter</i> spp.	ISO 22964 Microbiology of the food chain — horizontal method for the detection of <i>Cronobacter</i> spp.
Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
	IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
	ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
<i>Escherichia coli</i>	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of <i>Escherichia coli</i>
	ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i> — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
	ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i> — Part 3:

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	Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
	ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
	US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
	IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
	ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony-count technique at 30 degrees C
Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods
	VIDAS Listeria monocytogenes II (LMO2)
	IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
	ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
	US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and



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	Enumeration of <i>Listeria monocytogenes</i> in Foods
Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms

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*Effective Date January 12, 2024*

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Microbiological continued	Milk & Dairy Products continued	Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning: part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 6611 Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C
			ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
	Nut and Nut products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique

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			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3:

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			Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Escherichia coli O157 H7	IS 14397 Detecton, isolation and identification of pathogenic E. coli in food
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogenes II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE	
			Spp. — Part 1: Detection Method	
			US FDA BAM Chapter 10 Detection of <i>Listeria monocytogenes</i> in Foods and Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods	
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms	
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method	
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella	
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)	
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.	
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	
			US FDA BAM Chapter 5 Salmonella	
			Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of <i>Shigella</i> spp.
			US FDA BAM Chapter 6 <i>Shigella</i>
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
			- Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 <i>Staphylococcus aureus</i>
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>

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		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
	Nutritional supplements	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-

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			Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci



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			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Cronobacter sakazakii	ISO 22964 Microbiology of the food chain — horizontal method for the detection of Cronobacter spp.
		Cronobacter spp.	ISO 22964 Microbiology of the food chain — horizontal method for the detection of Cronobacter spp.

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		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of

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			presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Faecal streptococci	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Environmental Samples, and Enumeration of <i>Listeria monocytogenes</i> in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.



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			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
			ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning

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			:part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95

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	Oil Seeds & By Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for

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			the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive



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			Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuff - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria

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			monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.

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			US FDA BAM Chapter 5 Salmonella
		Staphylococcus aureus	ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
			Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
	Other	Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
	Poultry & Poultry Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus,



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 <i>Bacillus cereus</i>
		<i>Clostridium perfringens</i>	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of <i>Clostridium perfringens</i> ( <i>clostridium Welchii</i> ) and <i>clostridium botulinum</i> and enumeration of <i>clostridium perfringens</i>
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of <i>Clostridium perfringens</i> — Colony-count technique
		Coagulase positive <i>Staphylococcus aureus</i>	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of <i>Staphylococcus aureus</i> and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci ( <i>Staphylococcus Aureus</i> and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci ( <i>Staphylococcus</i>

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			Enterobacteriaceae
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **EUROFINS ANALYTICAL SERVICES INDIA PRIVATE LIMITED, BANGALORE**

540/1, DODDANEKUNDI INDUSTRIAL AREA 2, GRAPHITE INDIA ROAD, HOODI, WHITEFIELD  
BENGALURU, 560048, REPUBLIC OF INDIA

### **Testing Laboratory TL-1097**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 12, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

**President**



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## EUROFINS ANALYTICAL SERVICES INDIA PRIVATE LIMITED, BANGALORE

[www.eurofins.in](http://www.eurofins.in)

**Contact Name** JYOTI SINDHU

**Contact Phone** +91-9538091100

*Accredited to ISO/IEC 17025:2017*

*Effective Date January 12, 2024*

FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
Microbiological continued	Poultry & Poultry Products continued	Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
			Enumeration of <i>Listeria monocytogenes</i> in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
			Shigella
		ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.	
		US FDA BAM Chapter 6 Shigella	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing Clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		<i>Vibrio parahaemolyticus</i>	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Prawn & Prawn Products	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			Enterobacteriaceae
		IS 17112 (P-2) Microbiology of the Food Chain — Horizontal	

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
			Osmophilic Yeast
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS



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			Salmonella in Foods Enzyme-Linked Immunofluorescent Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive Staphylococci

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			(Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite Reducing Bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning

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			:part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
	Premix and Other nutritional supplements	<i>Bacillus cereus</i>	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Presumptive <i>Bacillus Cereus</i> , Part 6 Colony-count Technique at 30o C
	Shrimps	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff —

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of



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			Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Enterobacteriaceae	IS 17112 (P-1) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 1 Detection of Enterobacteriaceae

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria

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		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
		Osmophilic Yeast	CMMEF Chapter 17 Halophilic and Osmophilic Microorganisms
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP

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FIELDS OF TESTING	MATERIAL/ MATRIX	DETERMINANT(S)/ ANALYTE(S)	METHOD REFERENCE
			Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme- Linked Immunofluorescent Assay Screening method ( VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			- Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Technique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Sulphite reducing bacteria	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Sulphite reducing clostridia	ISO 15213 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			responsible for food poisoning :part 5 isolation, identification and enumeration of <i>Vibrio cholerae</i> and <i>Vibrio parahaemolyticus</i>
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of <i>Vibrio</i> spp. — Part 1: Detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i>
			US FDA BAM Chapter 9 <i>Vibrio</i>
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™ Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
			ISO 21527-2 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95
	Snacks & Instant mixes	Aerobic Plate count	IS 5402 Microbiology of Food and Animal Feeding Stuff — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
			US FDA BAM Chapter 3 Aerobic Plate Count
		Bacillus cereus	IS 5887 (P-6) Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Presumptive Bacillus Cereus, Part 6 Colony-count Technique at 30o C
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
			US FDA BAM Chapter 14 Bacillus cereus
		Clostridium perfringens	IS 5887 (P-4) Methods for Detection of Bacteria Responsible for Food Poisoning : Part 4 Isolation and Identification of Clostridium perfringens (clostridium Welchii) and clostridium botulinum and enumeration of clostridium perfringens
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium perfringens — Colony-count technique
		Coagulase positive Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Coagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 : Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive Staphylococci (Staphylococcus aureus and other species) — part 1: method using baird-parker agar medium
		Coliforms	IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4831 Microbiology of food and animal feeding stuffs — horizontal method for the detection and enumeration of coliforms — most probable number technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
			Enterobacteriaceae
		IS 17112 (P-2) Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of	



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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Enterobacteriaceae Part 2 Colony-Count Technique
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae
		Escherichia coli	IS 5887 (P-1) Methods for Detection of Bacteria Responsible for Food Poisoning - Part I : Isolation, Identification and Enumeration of Escherichia Coli
			ISO 16649-2:2001 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide
			ISO 16649-3 Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli — Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
			ISO 7251 Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of presumptive Escherichia coli — Most probable number technique
			US FDA BAM Chapter 4 Enumeration of Escherichia coli and the Coliform Bacteria
		Lactic acid bacteria	CMMEF Chapter 19 Acid Producing Microorganisms
			IS 16068 Microbiology of Food and Animal Feeding Stuffs -

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria - Colony-Count Technique at 30 deg C
			ISO 15214 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of mesophilic lactic acid bacteria — Colony- count technique at 30 degrees C
		Listeria monocytogenes	AOAC 2004.02 Listeria monocytogenes in foods VIDAS Listeria monocytogens II (LMO2)
			IS 14988 (P-1) Microbiology of the Food Chain Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method
			ISO 11290-1 Microbiology of the Food Chain — Horizontal Method for the Detection and Enumeration of Listeria Monocytogenes and of Listeria Spp. — Part 1: Detection Method
			US FDA BAM Chapter 10 Detection of Listeria monocytogenes in Foods and Environmental Samples, and Enumeration of Listeria monocytogenes in Foods
			Osmophilic Yeast
		Salmonella	AOAC 2004.03 VIDAS Salmonella in Foods Enzyme-Linked fluorescent Assay (ELFA) Screening method
			AOAC 2013.01 Salmonella in a Variety of Foods VIDAS® UP Salmonella (SPT) Method Salmonella
			AOAC 996.08 VIDAS Salmonella in Foods Enzyme-Linked Immunofluorescent

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			Assay Screening method (VIDAS Salmonella (SLM) Assay)
			IS 5887 (P-3) Methods for Detection of Bacteria Responsible for Food Poisoning Part 3 Horizontal Method for the Detection, Enumeration and Serotyping of Salmonella Section 1 Detection of Salmonella spp.
			ISO 6579-1 Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.
			US FDA BAM Chapter 5 Salmonella
		Shigella	IS 5887 (P-7) Methods for Detection of Bacteria Responsible for Food Poisoning - Part 7 : General Guidance on Methods for Isolation and Identification of Shigella
			ISO 21567 Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Shigella spp.
			US FDA BAM Chapter 6 Shigella
		Staphylococcus aureus	IS 5887 (P-2) Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of Staphylococcus aureus and faecal streptococci
			IS 5887 (P-8) Methods for Detection of Bacteria Responsible fo Food Poisoning - Part 8 : Horizontal Method for Enumeration of Cagulase-Positive Staphylococci (Staphylococcus Aureus and other Species) - Sec 1 :

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			Tecnique Using Baird-Parker Agar Medium
			ISO 6888-1 Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) — Part 1: Method using Baird-Parker agar medium
			US FDA BAM Chapter 12 Staphylococcus aureus
		Vibrio cholerae	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Vibrio parahaemolyticus	IS 5887 (P-5) methods for detection of bacteria responsible for food poisoning :part 5 isolation, identification and enumeration of Vibrio cholerae and Vibrio parahaemolyticus
			ISO 21872-1 Microbiology of the food chain — Horizontal method for the determination of Vibrio spp. — Part 1: Detection of potentially enteropathogenic Vibrio parahaemolyticus, Vibrio cholerae and Vibrio vulnificus
			US FDA BAM Chapter 9 Vibrio
		Yeast and Mold	AOAC 2014.05 Enumeration of Yeast and Mold in Food 3M™



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			Petrifilm™ Rapid Yeast and Mold Count plate
			US FDA BAM Chapter 18 Yeasts, Molds and Mycotoxins
			IS 5403 Method for Yeast and Mould Count of Foodstuffs and animal feeds
			ISO 21527-1 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 1: Colony count technique in products with water activity greater than 0,95
	Swab testing	Aerobic Plate Count	EASI-MB-SOP-15 Procedure for swab testing of Microbiology Lab
			IS 5402 Microbiology of Food and Animal Feeding Stuffs — Horizontal Method for the Enumeration of Micro-Organisms — Colony-Count Technique at 30o C
			ISO 4833-1 Microbiology of the Food Chain-Horizontal Method for the enumeration of Microorganisms-Part 1: Colony Count at 30 °C by the Pour Plate Technique
		Bacillus cereus	EASI-MB-SOP-15 Procedure for swab testing of Microbiology Lab
			ISO 7932 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive Bacillus cereus — colony-count technique at 30 degrees c
		Clostridium perfringens	EASI-MB-SOP-15 Procedure for swab testing of Microbiology Lab
			ISO 7937 Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of Clostridium

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FIELDS OF TESTING	MATERIAL/MATRIX	DETERMINANT(S)/ANALYTE(S)	METHOD REFERENCE
			perfringens — Colony-count technique
		Coliforms	EASI-MB-SOP-15 Procedure for swab testing of Microbiology Lab
			IS 5401 (P-1) Microbiology of Food and Animal Feeding Stuffs - Horizontal Method for the Detection and Enumeration of Coliforms - Part 1 : Colony Count Technique
			ISO 4832 Microbiology of food and animal feeding stuffs — horizontal method for the enumeration of coliforms — colony-count technique
		Enterobacteriaceae	EASI-MB-SOP-15 Procedure for swab testing of Microbiology Lab
			ISO 21528-1 Horizontal method for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae