BUREAU OF INDIAN STANDARDS

Program of Work

FAD 31 : Food Microbiology Sectional Committee

Scope: Standardization in the field of – A) Horizontal methods in the field of microbiological analysis of the food chain from primary production stage to food products, animal feed products, the environmental samples from food production and handling; B) Methods in the field of microbiological analysis of water; C) Specifications for ingredients used in media for microbiological work; D) Methods of sampling and handling of food samples for microbiological testing; and E) Safe handling and containment of infectious microorganisms and hazardous biological materials.

Liaison: **ISO TC-147 SC-4 (P):** *Microbiological methods* **ISO TC-34 SC-9 (P):** *Microbiology*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10232 : 2020 ISO 6887-1 : 2002 ISO 6887-1:2017	Microbiology of the Food Chain — Preparation of Test Samples, Initial Suspension and Decimal Dilutions for Microbiological Examination — General Rules for the Preparation of Initial Suspension and Decimal Dilutions (Second Revision)	-	-	Identical under dual numbering
2	IS 10972 : 2023	Code For Preparation of Escherichia Coli Diagnostic Sera		-	Indigenous
3	IS 11061 : 2023	Code for Preparation of Vibrio Cholerae Diagnostic Sera		-	Indigenous
4	IS 14595 : 1998 Reviewed In : 2023	Food hygiene - Microbiological criteria - Principles for establishment and application	March, 2023	-	Indigenous
5	IS 14988 (Part 1) : 2020 ISO 11290-1 : 2017 ISO 11290-1:2017	Microbiology of the Food Chain — Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 1 Detection Method (First Revision)	-	-	Identical under dual numbering
6	IS 14988 (Part 2) : 2020 ISO 11290-2 : 2017 ISO 11290-2:2017	Microbiology of the Food Chain — Horizontal Method for Detection and Enumeration of Listeria monocytogenes and of Listeria spp. Part 2 Enumeration Method (First Revision)	-	-	Identical under dual numbering
7	IS 15185 : 2016 ISO 9308-1 : 2014 Reviewed In : 2021 ISO 9308-1 : 2014	Water Quality - Detection And Enumeration of Echerichia Coli And Coliform Bacteria - Membrane Filtration Method For Water With Low Bacterial	June, 2021	-	Identical under dual numbering

		Background Flora (First Revision			
8	IS 15186 : 2002 ISO 7899-2 Reviewed In : 2023 ISO 7899-2 : 2000	Water Quality - Detection And Enumeration Of Intestinal Enterococci - Membrane Filtration Method	August, 2023	-	Identical under dual numbering
9	IS 15187 : 2016 ISO 19250 : 2010 Reviewed In : 2021 ISO 19250 : 2010	Water Quality - Detection Of Salmonella Species (First Revision)	June, 2021	-	Identical under dual numbering
10	IS 15188 : 2022 ISO 8199: 2018 ISO 8199: 2018	Water quality — General requirements and guidance for microbiological examinations by culture		-	Identical under dual numbering
11	IS 16067 (Part 1) : 2020 ISO 16649-1 : 2018 ISO 16649-1 : 2018	Microbiology of the Food Chain — Horizontal Method for the Enumeration of Beta-Glucuronidase-Positive Escherichia coli Part 1 Colony-Count Technique at 44°C Using Membranes and 5-Bromo-4-Chloro-3-Indolyl Beta-D-Glucuronide (First Revision)	-	-	Identical under dual numbering
12	IS 16067 (Part 2) : 2023 ISO 16649-2 : 2001 ISO 16649-2 : 2001	Microbiology of food chain -- Horizontal method for the enumeration of glucuronidase-positive Escherichia coli Part 2: Colony-count technique at 44 C using 5-bromo-4-chloro-3-indolyl -D-glucuronide		-	Identical under dual numbering
13	IS 16067 (Part 3) : 2023 ISO 16649-3 : 2015 ISO 16649-3 : 2015	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--D-glucuronide		-	Identical under dual numbering
14	IS 16068 : 2013 ISO15214:1998 Reviewed In : 2022 ISO 15214:1998	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of mesophilic lactic acid bacteria - Colony Count technique at 30oC	September, 2022	-	Identical under dual numbering
15	IS 16069 (Part 1) : 2013 ISO 21527-1 : 2008 Reviewed In : 2022 ISO 21527-1 : 2008	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	September, 2022	-	Identical under dual numbering
16	IS 16069 (Part 2) : 2013 ISO 21527-2 Reviewed In : 2022 ISO 21527-2:2008	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	September, 2022	-	Identical under dual numbering
17	IS 16122 : 2013 ISO 7218 : 2007 Reviewed In : 2022 ISO 7218 : 2007	Microbiology of food and animal feeding stuffs - General requirements and guidance for microbiological examinations	September, 2022	-	Identical under dual numbering
18	IS 16424 : 2016	Microbiology of food and animal	September, 2022	-	Identical under dual

	ISO 7251 : 2005 Reviewed In : 2022 ISO 7251 : 2005	feeding stuffs - Horizontal method for the detection and enumeration of presumptive Escherichia coli - Most Probable Number technique			numbering
19	IS 16426 : 2017 Reviewed In : 2022 ISO 16654:2001	Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Escherichia coli O157	June, 2022	1	Identical under dual numbering
20	IS 16427 : 2016 ISO 20837 : 2006 Reviewed In : 2020 ISO 20837 : 2006	Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection of food - Borne pathogens - Requirements for sample preparation for qualitative detection	July, 2020	-	Identical under dual numbering
21	IS 16428 : 2016 ISO 20838 : 2006 Reviewed In : 2020 ISO 20838 : 2006	Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection of food - Borne pathogens - Requirements for amplification and detection for qualitative methods	July, 2020	-	Identical under dual numbering
22	IS 16429 : 2018 ISO 21567 : 2004 Reviewed In : 2023 ISO 21567 : 2004	Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Shigella spp.	March, 2023	-	Identical under dual numbering
23	IS 16431 : 2018 Reviewed In : 2023 ISO 22118 : 2011	Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection and quantification of food - Borne pathogens - Performance characteristics	March, 2023	-	Identical under dual numbering
24	IS 16432 : 2016 ISO 22174 : 2005 Reviewed In : 2020 ISO 22174 : 2005	Microbiology of food and animal feeding stuffs - Polymerase chain reaction (PCR) for the detection of food - Borne pathogens - General requirements and definitions	July, 2020	-	Identical under dual numbering
25	IS 16433 : 2016 ISO 22119 : 2011 Reviewed In : 2020 ISO 22119 : 2011	Microbiology of food and animal feeding stuffs - Real - Time polymerase chain reaction (PCR) for the detection of food - Borne pathogens - General requirements and definitions	July, 2020	-	Identical under dual numbering
26	IS 16434 : 2018 ISO 21871 : 2006 Reviewed In : 2023 ISO 21871 : 2006	Microbiology of food and animal feeding stuffs - Horizontal method for the determination of low numbers of presumptive bacillus cereus - Most probable number technique and detection method	March, 2023	-	Identical under dual numbering
27	IS 16965 : 2018 Reviewed In : 2023 ISO 13307:2013	Microbiology of Food and Animal Feed - Primary Production Stage - Sampling Techniques	April, 2023	-	Identical under dual numbering
28	IS 16980 : 2018 ISO 6887 - 6 : 2013 Reviewed In : 2023 ISO 6887-6 : 2013	Microbiology of Food and Animal Feed - Preparation of Test Samples, Initial Suspension and Decimal Dilutions for Microbiological Examination - Specific Rules for the Preparation	April, 2023	-	Identical under dual numbering

		of Samples Taken at the Primary Production Stage			
29	IS 16987 : 2018 ISO/TS 13136 : 2012 Reviewed In : 2023 ISO/TS 13136:2012	Microbiology of Food and Animal Feed - Real Time Polymerase Chain Reaction (PCR) Based Method for the Detection of Food Borne Pathogens - Horizontal Method for the Detection of Shiga Toxin Producing Escherichia Coli (STEC) and the Determination of O157, O111, O26, O103 and O145 Serogroups	April, 2023	-	Identical under dual numbering
30	IS 17112 (Part 1) : 2019 ISO 21528-1 : 2017 Reviewed In : 2023 ISO 21528-1 : 2017	Microbiology of the food chain - Horizontal method for the detection and enumeration of enterobacteriaceae: Part 1 detection of enterobacteriacea	April, 2023	-	Identical under dual numbering
31	IS 17112 (Part 2) : 2019 ISO 21528-2 : 2017 Reviewed In : 2023 ISO 21528-2 : 2017	Microbiology of the food chain - Horizontal method for the detection and enumeration of enterobacteriaceae: Part 2 colony - Count technique	April, 2023	-	Identical under dual numbering
32	IS 17113 (Part 1) : 2019 ISO 16140-1 ; 2016 Reviewed In : 2023 ISO 16140-1 : 2016	Microbiology of the food chain - Method validation: Part 1 vocabulary	April, 2023	-	Identical under dual numbering
33	IS 17113 (Part 2) : 2019 ISO 16140-2 : 2016 Reviewed In : 2023 ISO 16140-2 : 2016	Microbiology of the food chain - Method validation: Part 2 protocol for the validation of alternative (Proprietary) methods against a reference method	April, 2023	-	Identical under dual numbering
34	IS 17113 (Part 3) : 2022 ISO 16140-3 : 2021 ISO 16140-3 : 2021	Microbiology of the food chain - Method validation - Part 3: Protocol for the verification of reference methods and validated alternative methods in a single laboratory		-	Identical under dual numbering
35	IS 17113 (Part 4) : 2022 ISO 16140-4 : 2020 16140-4	Microbiology of the food chain - Method validation - Part 4: Protocol for method validation in a single laboratory		-	Identical under dual numbering
36	IS 17113 (Part 5) : 2022 ISO 16140-5 : 2020 16140-5	Microbiology of the food chain - Method validation - Part 5: Protocol for factorial interlaboratory validation for non-proprietary methods		-	Identical under dual numbering
37	IS 17113 (Part 6) : 2022 ISO 16140-6 : 2019 ISO 16140-6 : 2019	Microbiology of the food chain - Method validation - Part 6: Protocol for the validation of alternative proprietary methods for microbiological confirmation and typing procedures		-	Identical under dual numbering
38	IS 17383 : 2020 ISO 11133 : 2014 ISO 11133:2014	Microbiology of Food, Animal Feed and Water - Preparation, Production, Storage and Performance Testing of Culture Media		2	Identical under dual numbering
39	IS 17385 : 2020	Microbiology of the Food Chain -		-	Identical under dual

	ISO 22117 : 2019 ISO 22117:2019	Specific Requirements and Guidance for Proficiency Testing by Interlaboratory Comparison			numbering
40	IS 17447 : 2020 ISO 6887-4 : 2017 ISO 6887-4 : 2017	Microbiology of the Food Chain - Preparation of Test Samples, Initial Suspension and Decimal Dilutions for Microbiological Examination - Specific Rules for the Preparation of Miscellaneous Products		-	Identical under dual numbering
41	IS 17448 : 2020 ISO 6887-3 : 2017 ISO 6887-3 : 2017	Microbiology of the Food Chain - Preparation of Test Samples, Initial Suspension and Decimal Dilutions for Microbiological Examination - Specific Rules for the Preparation of Fish and Fishery Products		1	Identical under dual numbering
42	IS 17779 : 2021 ISO 6887-5 : 2020 ISO 6887-5 : 2020	Microbiology of the Food Chain — Preparation of Test Samples, Initial Suspension and Decimal Dilutions for Microbiological Examination — Part 5: Specific Rules for the Preparation of Milk and Milk Products (Adoption of ISO 6887-5:2020)		-	Identical under dual numbering
43	IS 17819 : 2022 ISO 9308-2 : 2012 ISO 9308-2 : 2012	Water quality Enumeration of Escherichia coli and coliform bacteria Part 2: Most probable number method		-	Identical under dual numbering
44	IS 17872 : 2022 ISO 19036 : 2019 19036	Microbiology of the food chain - Estimation of measurement uncertainty for quantitative determinations		-	Identical under dual numbering
45	IS 18348 : 2023 ISO 10273 : 2017 ISO 10273 : 2017	Microbiology of the food chain ï¿½ Horizontal method for the detection of pathogenic Yersinia enterocolitica		-	Identical under dual numbering
46	IS 18349 (Part 1) : 2023 ISO 15213-1 : 2023 ISO 15213-1 : 2023	Microbiology of the food chain ï¿½ Horizontal method for the detection and enumeration of Clostridium spp: Part 1 ï¿½ Enumeration of sulfite-reducing Clostridium spp by colony-count technique		-	Identical under dual numbering
47	IS 18350 (Part 1) : 2023 ISO 15216-1 : 2017 ISO 15216-1 : 2017	Microbiology of the food chain - Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR: Part 1- Method for quantification		-	Identical under dual numbering
48	IS 18350 (Part 2) : 2023 ISO 15216-2 : 2019 ISO 15216-2 : 2019	Microbiology of the food chain ï¿½ Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR : Part 2 ï¿½ Method for detection		-	Identical under dual numbering
49	IS 18351 : 2023 ISO/TS 17919 : 2013 ISO/TS 17919 : 2013	Microbiology of the food chain - Polymerase chain reaction PCR for the detection of food-borne pathogens - Detection of botulinum type A B E and F neurotoxin-		-	Identical under dual numbering

		producing clostridia			
50	IS 18352 : 2023 ISO 18593 : 2018 ISO 18593 : 2018	Microbiology of the food chain ï¿½ Horizontal methods for surface sampling		-	Identical under dual numbering
51	IS 18353 : 2023 ISO 18744 : 2016 ISO 18744 : 2016	Microbiology of the food chain ï¿½ Detection and enumeration of Cryptosporidium and Giardia in fresh leafy green vegetables and berry fruits		-	Identical under dual numbering
52	IS 18354 : 2023 ISO/TS 18867 : 2015 ISO/TS 18867 : 2015	Microbiology of the food chain ï¿½ Polymerase chain reaction PCR for the detection of food-borne pathogens ï¿½ Detection of pathogenic Yersinia enterocolitica and Yersinia pseudotuberculosis		-	Identical under dual numbering
53	IS 18355 : 2023 ISO 19020 : 2017 ISO 19020 : 2017	Microbiology of the food chain ï¿½ Horizontal method for the immunoenzymatic detection of staphylococcal enterotoxins in foodstuffs		-	Identical under dual numbering
54	IS 18356 (Part 1) : 2023 ISO 20976-1 : 2019 ISO 20976-1 : 2019	Microbiology of the food chain ï¿½ Requirements and guidelines for conducting challenge tests of food and feed products: Part 1 - Challenge tests to study growth potential, lag time and maximum growth rate		-	Identical under dual numbering
55	IS 18356 (Part 2) : 2023 ISO 20976-2 : 2022 ISO 20976-2 : 2022	Microbiology of the food chain ï¿½ Requirements and guidelines for conducting challenge tests of food and feed products: Part 2- Challenge tests to study inactivation potential and kinetic parameters		-	Identical under dual numbering
56	IS 18357 : 2023 ISO 22964 : 2017 ISO 22964 : 2017	Microbiology of the food chain Horizontal method for the detection of Cronobacter spp.		-	Identical under dual numbering
57	IS 18358 : 2023 ISO 23418 : 2022 ISO 23418 : 2022	Microbiology of the food chain ï¿½ Whole genome sequencing for typing and genomic characterization of bacteria ï¿½ General requirements and guidance		-	Identical under dual numbering
58	IS 18564 (Part 1) : 2024 ISO 10272-1 : 2017 ISO 10272-1 : 2017	Microbiology of the food chain ï¿½ Horizontal method for detection and enumeration of Campylobacter spp. ï¿½ Part 1: Detection method		-	Identical under dual numbering
59	IS 18564 (Part 2) : 2024 ISO 10272-2 : 2017 ISO 10272-2 : 2017	Microbiology of the food chain ï¿½ Horizontal method for detection and enumeration of Campylobacter spp. ï¿½ Part 2: Colony-count technique		-	Identical under dual numbering
60	IS 18566 : 2024 ISO 13722:2017 ISO 13722:2017	Microbiology of the food chain ï¿½ Enumeration of Brochothrix spp. ï¿½ Colony-count technique		-	Identical under dual numbering
61	IS 18567 : 2024 ISO 17410 : 2019 ISO 17410 : 2019	Microbiology of the food chain ï¿½ Horizontal method for the enumeration of psychrotrophic microorganisms		-	Identical under dual numbering

62	IS 18568 : 2024 ISO 17468 : 2016 ISO 17468 : 2016	Microbiology of the food chain ï¿½ Technical requirements and guidance on establishment or revision of a standardized reference method		-	Identical under dual numbering
63	IS 18569 : 2024 ISO 18743 : 2015 ISO 18743 : 2015	Microbiology of the food chain ï¿½ Detection of Trichinella larvae in meat by artificial digestion method		-	Identical under dual numbering
64	IS 18764 : 2024 ISO 13843 : 2017 ISO 13843 : 2017	Water Quality Requirements for establishing performance characteristics of quantitative microbiological methods		-	Identical under dual numbering
65	IS 18765 : 2024 ISO 11731:2017 ISO 11731:2017	Water Quality Enumeration of Legionella		-	Identical under dual numbering
66	IS 18768 : 2024 ISO 6222 : 1999 ISO 6222 : 1999	Water Quality Enumeration of Culturable Micro-Organisms Colony Count by Inoculation in a Nutrient Agar Culture Medium		-	Identical under dual numbering
67	IS 18769 : 2024 ISO 7704 : 2023 ISO 7704 : 2023	Water Quality ï¿½ Performance Testing of Membrane Filters Used for Direct Enumeration of Microorganisms by Culture Methods ï¿½ Requirementsganisms by Culture Methods		-	Identical under dual numbering
68	IS 18770 (Part 1) : 2024 ISO 10705-1 : 1995 ISO 10705-1 : 1995	Water Quality Detection and enumeration of bacteriophages Part 1: Enumeration of F-specific RNA bacteriophages		-	Identical under dual numbering
69	IS 18770 (Part 2) : 2024 ISO 10705-2 : 2000 ISO 10705-2 : 2000	Water Quality Detection and enumeration of bacteriophages Part 2: Enumeration of somatic coliphages		-	Identical under dual numbering
70	IS 18770 (Part 3) : 2024 10705-3 : 2003 10705-3 : 2003	Water Quality Detection and enumeration of bacteriophages Part 3: Validation of methods for concentration of bacteriophages from water		-	Identical under dual numbering
71	IS 18770 (Part 4) : 2024 ISO 10705-4 : 2001 ISO 10705-4 : 2001	Water Quality Detection and enumeration of bacteriophages Part 4: Enumeration of bacteriophages infecting Bacteroides fragilis		-	Identical under dual numbering
72	IS 18771 : 2024 ISO 14189 : 2013 ISO 14189 : 2013	Water Quality Enumeration of Clostridium perfringens Method using membrane filtration		-	Identical under dual numbering
73	IS 5401 (Part 1) : 2012 ISO 4832 : 2006 Reviewed In : 2022 ISO 4832 : 2006	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of coliforms: Part 1 colony count technique (Second Revision)	September, 2022	-	Identical under dual numbering
74	IS 5401 (Part 2) : 2012 ISO 4831 Reviewed In : 2022 ISO 4831:2006	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of coliforms: Part 2 most probable number technique (Second Revision)	September, 2022	-	Identical under dual numbering
75	IS 5402 (Part 1) : 2021	Microbiology of the food chain - Horizontal method for the		1	Identical under dual numbering

	ISO 4833 - 1:2013 ISO 4833 - 1:2013	enumeration of microorganisms-Part 1: Colony count at 30 C by the pour plate technique			
76	IS 5402 (Part 2) : 2021 ISO 4833-2:2013 ISO 4833-2:2013	Microbiology of the food chain-Horizontal method for the enumeration of microorganisms - Part 2: Colony count at 30 C by the surface plating technique		1	Identical under dual numbering
77	IS 5403 : 1999 ISO 7954 Reviewed In : 2018	Method for yeast and mould count of foodstuffs and animal feeds (First Revision)	March, 2018	-	Indigenous
78	IS 5404 : 1984 Reviewed In : 2022	Methods for drawing and handling of food samples for microbiological analysis (First Revision)	September, 2022	-	Indigenous
79	IS 5404 : 2024	Sampling, Transport, Storage and Sample Preparation of Food Samples for Microbiological Analysis (Second Revision)		-	Indigenous
80	IS 5887 (Part 1) : 1976 Reviewed In : 2022	Methods for detection of bacteria responsible for food poisoning: Part 1 isolation, identification and enumeration of escherichia coli (First Revision)	September, 2022	-	Indigenous
81	IS 5887 (Part 2) : 1976 Reviewed In : 2022	Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of staphylococcus aureus and faecal streptococci (First Revision)	September, 2022	-	Indigenous
82	IS 5887 (Part 3) : 1999 ISO 6579 Reviewed In : 2022 ISO 6579:1993	Methods for detection of bacteria responsible for food poisoning: Part 3 general guidance on methods for the detection of salmonella (Second Revision)	September, 2022	-	Identical under dual numbering
83	IS 5887 (Part 3/Sec 1) : 2020 ISO 6579-1 : 2017 ISO 6579-1 : 2017	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. (Third Revision)		1	Identical under dual numbering
84	IS 5887 (Part 3/Sec 2) : 2021 ISO/TS 6579-2 : 2012 ISO/TS 6579-2 : 2012	Methods for detection of bacteria responsible for food poisoning Part 3 Horizontal method for the detection enumeration and serotyping of Salmonella Sec 2: Enumeration by a miniaturized most probable number technique		-	Identical under dual numbering
85	IS 5887 (Part 3/Sec 3) : 2021 ISO/TR 6579-3 : 2014 ISO/TR 6579-3 : 2014	Methods for detection of bacteria responsible for food poisoning Part 3 Horizontal method for the detection enumeration and serotyping of Salmonella Sec 3: Guidelines for serotyping of Salmonella spp		-	Identical under dual numbering
86	IS 5887 (Part 4) : 1999 Reviewed In : 2022	Methods for detection of bacteria responsible for food poisoning: Part 4 isolation and identification	September, 2022	-	Indigenous

		of clostridium perfringens (Clostridium Welchii) and clostridium botul inum and enumeration of clostridium perfringens (Second Revision)			
87	IS 5887 (Part 5/Sec 1) : 2023 ISO 21872-1 : 2017 ISO 21872-1 : 2017	Methods FOR Detection of Bacteria Responsible FOR Food Poisoning Part 5 Horizontal Method FOR the Determination of Vibrio spp Section 1 Detection of Potentially Enteropathogenic Vibrio parahaemolyticus Vibrio cholerae AND Vibrio vulnificus (Second Revision)		-	Identical under dual numbering
88	IS 5887 (Part 5/Sec 2) : 2023 ISO/TS 21872-2 : 2020 ISO 21872-2 : 2020	Methods FOR detection of bacteria responsible FOR food poisoning Part 5 Horizontal method FOR the determination of Vibrio spp Section 2: Enumeration of total AND potentially enteropathogenic Vibrio parahaemolyticus IN seafood USING nucleic acid hybridization (Second Revision)		1	Identical under dual numbering
89	IS 5887 (Part 6) : 2012 ISO 7932 : 2004 Reviewed In : 2022 ISO 7932 : 2004	Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of presumptive bacillus cereus: Part 6 colony - Count technique at 30?C (First Revision)	September, 2022	1	Identical under dual numbering
90	IS 5887 (Part 7) : 1999 Reviewed In : 2022	Methods for detection of bacteria responsible for food poisoning: Part 7 general guidance on methods for isolation and identification of shigella	September, 2022	-	Indigenous
91	IS 5887 (Part 8/Sec 1) : 2023 ISO 6888-1 : 2021 ISO 6888-1 : 2021	Methods for detection of bacteria responsible for food poisoning- Part 8: Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) Sec 1: Method using Baird-Parker agar medium		-	Identical under dual numbering
92	IS 5887 (Part 8/Sec 2) : 2023 ISO 6888-2 : 2021 ISO 6888-2 : 2021	Methods for detection of bacteria responsible for food poisoning Part 8 Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) Sec 2: Method using rabbit plasma fibrinogen agar medium		-	Identical under dual numbering
93	IS 5887 (Part 8/Sec 3) : 2016 ISO 6888-3 : 2003 Reviewed In : 2022 ISO 6888-3 : 2003	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 3 detection and mpn technique for low numbers	September, 2022	-	Identical under dual numbering
94	IS 6850 : 2023	Agar Microbiological Grade -		-	Indigenous

		Specification			
95	IS 6851 : 1973 Reviewed In : 2022	Specification for meat extract, microbiological grade	September, 2022	-	Indigenous
96	IS 6852 : 1973 Reviewed In : 2022	Specification for bile salts, microbiological grade	September, 2022	-	Indigenous
97	IS 6853 : 1973 Reviewed In : 2022	Specification for peptone, microbiological grade	September, 2022	-	Indigenous
98	IS 6854 : 1973 Reviewed In : 2022	Methods of sampling and test for ingredients used in media for microbiological work	September, 2022	1	Indigenous
99	IS 7004 : 1973 Reviewed In : 2022	Specification for yeast extract, microbiological grade	September, 2022	-	Indigenous
100	IS 7127 : 1973 Reviewed In : 2022	Specification for tryptone, microbiological grade	September, 2022	-	Indigenous
101	IS 7128 : 1973 Reviewed In : 2022	Specification for proteose peptone, microbiological grade	September, 2022	-	Indigenous
102	IS 7203 : 1973 Reviewed In : 2022	Specification for casein hydrolysate (Acid Digested), microbiological grade	September, 2022	-	Indigenous
103	IS 7535 : 1975 Reviewed In : 2022	Specification for liver extract, microbiological grade	September, 2022	-	Indigenous
104	IS 7536 : 2023	Soluble Starch Microbiological Grade - Specification		-	Indigenous
105	IS 7590 : 2023	Gelatin Microbiological Grade - Specification		-	Indigenous
106	IS 7591 : 2023	Malt Extract Microbiological Grade - Specification		-	Indigenous
107	IS 7801 : 1975 Reviewed In : 2022	Specification for trypsin, microbiological grade	September, 2022	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	FAD 31 (25878)	Microbiology of the food chain Horizontal method for the detection and enumeration of Clostridium spp Part 3 Detection of Clostridium perfringens
2	FAD 31 (25879)	Microbiology of the food chain Horizontal method for the detection and enumeration of Clostridium spp Part 2 Enumeration of Clostridium perfringens by colony-count technique
3	FAD 31 (25880)	Water Quality Detection and Quantification of Legionella spp andor Legionella Pneumophila by Concentration and Genic Amplification by Quantitative Polymerase Chain Reaction qPCR
4	FAD 31 (25881)	Water Quality Isolation and identification of Cryptosporidium oocysts and Giardia cysts from water

5	FAD 31 (25882)	Water Quality Detection and enumeration of Pseudomonas aeruginosa Method by membrane filtration
6	FAD 31 (25884)	Water Quality Detection and enumeration of Pseudomonas aeruginosa Part 2 Most probable number method
7	FAD 31 (25886)	Microbiology of the food chain Sampling techniques for microbiological analysis of food and feed samples
8	FAD 31 (25887)	Water Quality Detection and enumeration of thermotolerant Campylobacter spp
9	FAD 31 (25888)	Water Quality The variability of test results and the uncertainty of measurement of microbiological enumeration methods
10	FAD 31 (25899)	Methods for detection of bacteria responsible for food poisoning- Part 8 Horizontal method for the enumeration of coagulase-positive staphylococci Staphylococcus aureus and other species Sec 1 Method using Baird-Parker agar medium Amendment - 1
11	FAD 31 (25901)	Methods for detection of bacteria responsible for food poisoning Part 8 Horizontal method for the enumeration of coagulase-positive staphylococci Staphylococcus aureus and other species Sec 2 Method using rabbit plasma fibrinogen agar medium Amendment - 1
12	FAD 31 (25903)	Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of presumptive Escherichia coli - Most Probable Number technique Amendment - 1

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:78 Total Standards Under development:12

Aspect Wise Report

Product : 13
Code of Practices : 3
Methods of Test : 69
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 20
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 1

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 14397 : 1996 Reviewed In : 2018	Methods for detection isolation and identification of pathogenic E coli in foods
2	IS 16425 : 2016 ISO 7937 : 2004 Reviewed In : 2022 ISO 7937 : 2004	Microbiology of Food and Animal Feeding Stuffs Horizontal Method for the Enumeration of Clostridium perfringens Colony - Count Technique

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 6850 : 2023	Agar Microbiological Grade - Specification

2	IS 6851 : 1973 Reviewed In : 2022	Specification for meat extract microbiological grade
3	IS 6852 : 1973 Reviewed In : 2022	Specification for bile salts microbiological grade
4	IS 6853 : 1973 Reviewed In : 2022	Specification for peptone microbiological grade
5	IS 7004 : 1973 Reviewed In : 2022	Specification for yeast extract microbiological grade
6	IS 7127 : 1973 Reviewed In : 2022	Specification for tryptone microbiological grade
7	IS 7128 : 1973 Reviewed In : 2022	Specification for proteose peptone microbiological grade
8	IS 7203 : 1973 Reviewed In : 2022	Specification for casein hydrolysate Acid Digested microbiological grade
9	IS 7535 : 1975 Reviewed In : 2022	Specification for liver extract microbiological grade
10	IS 7536 : 2023	Soluble Starch Microbiological Grade - Specification
11	IS 7590 : 2023	Gelatin Microbiological Grade - Specification
12	IS 7591 : 2023	Malt Extract Microbiological Grade - Specification
13	IS 7801 : 1975 Reviewed In : 2022	Specification for trypsin microbiological grade