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BUREAU OF INDIAN STANDARDS

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भारतीय मानक *मसौदा*
खाद्य श्रृंखला का सूक्ष्म जीवविज्ञान —
क्लोस्ट्रीडियम स्पीशीज का पता लगाने और गणना के लिए क्षैतिज विधि —
भाग 2: कॉलोनी-गणना तकनीक द्वारा *क्लॉस्ट्रिडियम परफ़्रिन्जेंस* की गणना

Draft ***Indian Standard***
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
(Adoption of *ISO 15213-2 : 2023*)
ICS 07.100.30

Food Microbiology Sectional Committee, FAD 31	Last Date of Comments **01.09.2024**

NATIONAL FOREWORD
(*Adoption clause would be added later*)

This draft Indian standard is an identical adoption of ISO 15213-2 : 2023 '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' issued by the International Organization for Standardization (ISO).

This Indian Standard is published in three parts under the general title 'Microbiology of the food chain — Horizontal method for the detection and enumeration of *Clostridium* spp.'. The other part in this series are:

Part 1 Enumeration of sulfite-reducing *Clostridium* spp. (Adoption of ISO 15213-1: 2023)

Part 3 Detection of *Clostridium perfringens* (Adoption of *ISO/TS 15213-3 : 2024*)

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to the following International Standards for which Indian Standards also exist. The corresponding Indian Standards which are to be substituted in their place are listed below along with their degree of equivalence for the editions indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 6887-1 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	IS 10232 : 2020/ 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
ISO 6887-2 Microbiology of food and animal feeding stuffs — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Specific rules for the preparation of meat and meat products	IS 15990 : 2023/ ISO 6887 - 2 : 2017 Microbiology of food and animal feeding stuffs — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Specific rules for the preparation of meat and meat products (*first revision*)	Identical
ISO 6887 -3 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	IS 17448 : 2020/ 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	Identical
ISO 6887- 4 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	IS 17447 : 2020/ 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
ISO 6887- 5 Microbiology of the food chain — Preparation of test samples, initial suspension and decimal dilutions	IS 17779 : 2021/ ISO 6887-5 : 2020 Microbiology of the food Chain — Preparation of test samples, initial	Identical

for microbiological examination — Part 5: Specific rules for the preparation of milk and milk products	suspension and decimal dilutions for microbiological examination — Specific rules for the preparation of milk and milk products	
ISO 6887- 6 Microbiology of food and animal feed — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Specific rules for the preparation of samples taken at the primary production stage	IS 16980 : 2018/ 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 of samples taken at the primary production stage	Identical
ISO 7218 Microbiology of the food chain — General requirements and guidance for microbiological examinations	IS 16122 : 2013/ISO 7218 : 2007 Microbiology of food and animal feeding stuffs — General requirements and guidance for microbiological examinations	Identical
ISO 11133 Microbiology of food, animal feed and water — Preparation, production, storage and performance testing of culture media	IS 17383 : 2020/ISO 11133 : 2014 Microbiology of food, animal feed and water — Preparation, production, storage and performance testing of culture media	Identical
ISO 19036 : 2019 Microbiology of the food chain - Estimation of measurement uncertainty for quantitative determinations	IS 17872 : 2022/ ISO 19036 : 2019 Microbiology of the food chain - Estimation of measurement uncertainty for quantitative determinations	Identical

In reporting the results of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'.

'FOR COMPLETE TEXT OF THE DOCUMENT, KINDLY REFER ISO 15213-2 : 2023'

Note: The technical content of the document has not been enclosed as these are identical with the corresponding ISO Standard. For obtaining copy of the complete ISO Standard, please contact:

Scientist-E/Director & Head
Food and Agriculture Department
Bureau of Indian Standards
Manak Bhavan, 9 Bahadur Shah Zafar Marg,

New Delhi – 110 002
Tele: 011 23231128
Email: fad@bis.gov.in, fad031@bis.gov.in