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BUREAU OF INDIAN STANDARDS

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मसौदा संशोधन संख्या 1

आई एस 12299 : 2021
डेयरी व्हाइटनर — विशिष्टि
*(**दूसरा पुनरीक्षण**)*

***DRAFT AMENDMENT NO.* 1**

TO

IS 12299 : 2021
Dairy Whitener — Specification
(*Second Revision*)

ICS 67.100.10

Dairy Products Sectional Committee, FAD 19 Last Date of Comments: **28 Nov 2025**

(*Page* 1 *and* 2, *clause* 2) – Delete the references of following standards:

IS No.	*Title*
5403 : 1999	Method for yeast and mould count of foodstuffs (*first revision*)
5887 (Part 1) : 1976	Methods for detection of bacteria responsible for food poisoning Part 1 – Isolation, identification and enumeration *of Escherichia coli* (*first Revision*)
5887 (Part 2) : 1976	Methods for detection of bacteria responsible for food poisoning Part 2 Isolation, identification and enumeration of *Staphylococcus aureus* and faecal streptococci (*first revision*)
5887 (Part 3) : 1999	Methods for detection of bacteria responsible for food poisoning Part 3 General guidance on methods for the detection of Salmonella (*second revision*)
11721 : 2013/ ISO 1736 : 2008	Dried milk and dried milk products — Determination of fat content — Gravimetric method (Reference method) (*second revision*)
ISO 6091 : 2010	Dried milk — Determination of titratable acidity (Reference method)

ISO 6092 : 1980	Dried milk — Determination of titratable acidity (Routine method)
ISO 15213 : 2003	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of sulfite reducing bacteria growing under anaerobic conditions

(*Page* 1 *and* 2, *clause* 2) – Insert the following references of standards at appropriate places:

IS No.	*Title*
IS 5887 (Part 3/Sec 1) : 2020/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*)
IS 5887 (Part 8/ Sec 1) : 2023/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) Section 1 Method using baird-parker agar medium (*first revision*)
IS 5887 (Part 8/Sec 2) : 2023/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) Section 2 Method using rabbit plasma fibrinogen agar medium (*first revision*)
IS 11765 : 2017/ ISO 6091 : 2010	Dried milk — Determination of titratable acidity (Reference Method) (*first revision*)
IS 11766 : 1986/ ISO 6092 : 1980	Method for determination of titratable acidity in milk powder and similar products (Routine Method)
IS 16069 (Part 2) : 2013/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 16424 : 2016/ ISO 7251 : 2005	Microbiology of food and animal feeding stuffs – Horizontal method for the detection and enumeration of presumptive *Escherichia coli* – Most Probable Number technique
IS 18349 (Part 1) : 2023/ISO 15213-1 : 2023	Microbiology of the food chain — Horizontal method for the detection and enumeration of *Clostridium* spp: Part 1 - Enumeration of sulfite-reducing *Clostridium* spp. by colony-count technique
IS 19396 : 2025/ ISO 23318 : 2022	Milk, dried milk products and cream — Determination of fat content — Gravimetric method (**under publication**)
ISO 21543:2020	Milk and milk products — Guidelines for the application of near infrared spectrometry

[*Page* 3, *Table* 1, *Sl No*. (i), *col* 7] — Substitute 'IS 11623* or IS 16072 or ISO 21543[1)]' for

the existing.

[*Page* 3, *Table* 1, *Sl No*. (ii), *col* 7] — Substitute 'IS 19396' *for* 'IS 11721'.

[*Page* 3, *Table* 1, Sl No. (iii), col 2] — Substitute '[2)]' *for* '*'.

[*Page* 3, *Table* 1, Sl No. (viii), col 7] — Substitute 'IS 11765* or IS 11766' for the existing.

(*Page* 3, *Table* 1) — Insert the following note at the end:

'NOTE – In case of dispute, the method indicated by '*' shall be the referee method.'

(*Page* 3, *Table* 1, footnote) — Substitute the following for the existing footnote:

'[1)] Before being used, the instrument should be calibrated with adequate data of similar milk products and validated against reference standard method as per the procedure prescribed ISO 21543.
[2)] Protein content is 6.38 multiplied by the total Kjeldahl nitrogen determined.'

[*Page* 3, *Table* 2, *Sl No*. (iii), *col* 7] — Substitute 'IS 5887 (Part 8/Sec 1* or 2)' *for* 'IS 5887 (Part 2)'.

[*Page* 3, *Table* 2, *Sl No*. (iv), *col* 7] — Substitute 'IS 16069 (Part 2)' *for* 'IS 5403'.

[*Page* 3, *Table* 2, *Sl No*. (v), *col* 7] — Substitute 'IS 5887 (Part 3/Sec 1)' *for* 'IS 5887 (Part 3)'.

[*Page* 3, *Table* 2, *Sl No*. (viii), *col* 7] — Substitute 'IS 18349 (Part 1)' *for* 'ISO 15213'.

[*Page* 3, *Table* 2, *Sl No*. (ix), *col* 7] — Substitute 'IS 16424' *for* 'IS 5887 (Part 1)'.

(*Page* 3, *Table* 2) – Insert the following note at the end:

NOTE – In case of dispute, the method indicated by '*' shall be the referee method.'

(FAD 19)