

भारतीय मानक ब्यूरो /BUREAU OF INDIAN STANDARDS
(पूर्वी क्षेत्रीय प्रयोगशाला)/Eastern Regional Laboratory

हमारा संदर्भ/Our Ref: ERL/MICRO/IS 14433

DATE:- 11.6.2024

विषय / Subject: Comment for fixation of Microbiological Requirement limit for conformity of the product

इस संबंध में प्रस्तावित बदलाव(ओं) पर विचार करने के लिए एफ.ए.डी द्वारा निम्नलिखित टिप्पणियों पर ध्यान दिया जाए:

Sl. No	IS	Standard	प्रस्तावित बदलाव/ Proposed change	वजह/Justification
1	IS 14433:2022	Infant Milk Substitutes — Specification (Second Revision)	Cl. 5.10 The product shall conform to the requirements given in Table 2 and Table 5. To decide conformity of a lot to Microbiological Requirements, Table 3 shall be followed. (Given in Annex A)	Requirement limit (in cfu) given in the existing Table 2 is to decide conformity of a lot and does not mention the conformity requirement of the product. As in the case of IS 13334 (Part 1 and Part 2):2014, in which the limit for microbiological requirements were amended through Table 1 and the sampling plan specified under Table 3 was limited to decision on conformity of a lot. In line with the above, the attached Table 5 (given in Annex A) may be incorporated to remove any scope of ambiguity with respect to samples drawn under Conformity Assessment Scheme.

ई आर ओ एल सचिवालय (आवक डायरी नं. 100)
EROL Sectt. In ward Diary No. 100
दिनांक / Date 11.06.24

OIC(Micro)

H(ERL)

H(FAD)

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(PTO)

Annex A

Table 5 Microbiological Requirements for Infant Milk Substitutes (Type I and Type II)
(Clause 5.10)

Sl.No. (1)	Characteristic (2)	Requirement (3)	Method of test, Ref to (4)
(i)	Aerobic plate count	$5 \times 10^4/g$	IS 5402 (Part 1)
(ii)	<i>Staphylococcus aureus</i> (Coagulase positive)	<10/g	IS 5887 (Part 8/Sec 1* or 2)
(iii)	Yeast and mould count	<10/g	IS 5403 or IS 16069-1* for liquid products or IS 16069-2* for powdered product
(iv)	<i>Salmonella sp.</i>	Absent/25g	IS 5887 (Part 3/Sec 1)
(v)	<i>Listeria monocytogenes</i>	Absent/25g	IS 14988 (Part 1)
(vi)	<i>Bacillus cereus</i>	$1 \times 10^2/g$	IS 5887 (Part 6)
(vii)	<i>Sulphite reducing clostridia</i>	10/g	ISO 15213
(viii)	Enterobacteriaceae	Absent/10g	IS 17211 Part 1
(ix)	<i>Enterobacter sakazakii</i> (<i>Cronobacter sp.</i>)	Absent/10g	ISO 22964

NOTES

1) In case of dispute, the method indicated by “*” shall be the referee method.

2) The requirement for *Salmonella* shall be tested in a laboratory situated away from the production area.