

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

हमारा संदर्भ/Our Ref: ERL/MICRO/IS 1165

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 1165:2022	Whole Milk Powder — Specification (Sixth Revision)	Cl. 3.5 The product shall conform to the requirements given in Table 1 and Table 4. To decide conformity of a lot to Microbiological Requirements, Table 2 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 2 was limited to decision on conformity of a lot. In line with the above, the attached Table 4(given in Annex A) may be incorporated to remove any scope of ambiguity with respect to samples drawn under Conformity Assessment Scheme.

OIC(Micro)

H(ERL)

H(FAD)

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11/6/2024

Annex A

Table 4 Microbiological Requirements for Whole Milk Powder
(Clause 3.5)

Sl.No. (1)	Characteristic (2)	Requirement (3)	Method of test, Ref to ¹⁾ (4)
(i)	Aerobic plate count	$3 \times 10^4/g$	IS 5402 (Part 1)
(ii)	Coliform count	10/g	IS 5401 (Part 1)
(iii)	<i>Staphylococcus aureus</i> (Coagulase positive)	10/g	IS 5887(Part 8/Sec 1* or 2)
(iv)	Yeast and mould count	50/g	IS 5403
(v)	<i>Salmonella sp.</i> ²⁾	Absent/25g	IS 5887 (Part 3/Sec 1)
(vi)	<i>Listeria monocytogenes</i>	Absent/g	IS 14988 (Part 1)
(vii)	<i>Bacillus cereus</i>	$5 \times 10^2/g$	IS 5887 (Part 6)
(viii)	<i>Sulphite reducing clostridia</i>	50/g	ISO 15213
(ix)	<i>E. coli</i>	Absent/g	IS 5887 (Part 1)

NOTES
1) 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