



## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : FAD 31/T

Date : 03 July 2024

**TECHNICAL COMMITTEE : Food Microbiology Sectional Committee, FAD 31**

To,

**All concerned**

Dear Madam/Sir,

The following document has been prepared by the Food Microbiology Sectional Committee Sectional Committee, FAD 31. Please [click here](#) to view the document.

**Document Number : FAD 31 (25888) WC**

**Title of the document : Water Quality The variability of test results and the uncertainty of measurement of microbiological enumeration methods**

**Document Type : New Indian Standard**

*This document has following salient features which may require specific attention for your valuable comments:*

- 1) Scope: This Standard gives guidelines for the evaluation of uncertainty in quantitative microbiological analyses based on enumeration of microbial particles by culture. It covers all variants of colony count methods and most probable number estimates.*
- 2) Two approaches, the component (also known as bottom-up or step-by-step) and a modified global (top-down) approach are included.*
- 3) The aim is to specify how values of intralaboratory operational variability and combined uncertainty for final test results can be obtained. The procedures are not applicable to methods other than enumeration methods.*
- 4) The standard also includes key concepts, microbiological methods, choices of approach, the component approach to the evaluation of operational uncertainty, the global approach to the determination of the operational uncertainty and combined uncertainty of the test result,*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 01 September 2024**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at fad@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,**  
**(SUNEETI TOTEJA)**  
**Head (Food and Agriculture Department)**  
**Email: fad@bis.gov.in**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : FAD 31/T

दिनांक : 03-07-2024

तकनीकी समिति : Food Microbiology Sectional Committee Sectional Committee, FAD 31

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : FAD 31 (25888) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 01 September 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

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