

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

पानी की गुणवत्ता – बैक्टीरियोफेज पता लगाना और गणना करना –
भाग 3 : पानी में बैक्टीरियोफेज को सांद्र करने की पद्धतियों का सत्यापन

Draft Indian Standard

Water Quality — Detection and Enumeration of Bacteriophages — Part 3: Validation
of Methods for Concentration of Bacteriophages from Water

(Adoption of *ISO 10705-3 : 2003*)

ICS 07.100.20

Food Microbiology Sectional
Committee, FAD 31

Last Date of Comments
26 May 2024

NATIONAL FOREWORD

(Formal clause would be added later)

This Indian standard is identical with ISO 10705-3 : 2003 ‘Water quality — Detection and enumeration of bacteriophages — Part 3 : Validation of methods for concentration of bacteriophages from water’ issued by the International Organization for Standardization (ISO).

This Indian Standard is published in four parts as adoption of corresponding parts of ISO 10705. The other parts in this series are:

- Part 1 Enumeration of F-specific RNA bacteriophages
- Part 2 Enumeration of somatic coliphages
- Part 4 Enumeration of bacteriophages infecting *Bacteroides fragilis*

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:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 6887-1 Microbiology of the food chain – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Part 1: General rules for the preparation of the 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 the initial suspension and decimal dilutions (<i>second revision</i>)	Identical
ISO 8199 Water quality — General guide to the enumeration of micro-organisms by culture	IS 15188 : 2022/ISO 8199: 2018 Water quality — General requirements and guidance for microbiological examinations by culture	Identical
ISO 10705-1 Water quality — Detection and enumeration of bacteriophages — Part 1: Enumeration of F-specific RNA bacteriophages	Doc: FAD 31 (24530) Water quality — Detection and enumeration of bacteriophages — Part 1: Enumeration of F-specific RNA bacteriophages	Identical
ISO 10705-2 Water quality — Detection and enumeration of bacteriophages — Part 2: Enumeration of somatic coliphages	Doc: FAD 31 (24531) Water quality — Detection and enumeration of bacteriophages — Part 2: Enumeration of somatic coliphages	Identical
ISO 10705-4 Water quality — Detection and enumeration of bacteriophages — Part 4: Enumeration of bacteriophages infecting <i>Bacteroides fragilis</i>	Doc: FAD 31 (24532) Water quality — Detection and enumeration of bacteriophages — Part 4: Enumeration of bacteriophages infecting <i>Bacteroides fragilis</i>	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard.

International Standard

Title

ISO 3696 : 1987	Water for analytical laboratory use — Specification and test methods
ISO/IEC Guide 2	Standardization and related activities — General vocabulary

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 10705-1 : 1995’

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:

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