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BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

भारतीय मानक *मसौदा*

पानी की गुणवत्ता — *स्यूडोमोनास एरुजिनोसा* का पता लगाना और गणना करना — झिल्ली निस्पंदन विधि

Draft ***Indian Standard***

Water Quality — Detection and Enumeration of *Pseudomonas aeruginosa* — Method by Membrane Filtration

(Adoption of *ISO 16266 : 2006*)

ICS 13.060.70

Food Microbiology Sectional Committee, FAD 31	Last Date of Comments **01.09.2024**

NATIONAL FOREWORD

(*Adoption clause would be added later*)

This draft Indian standard is an identical adoption of ISO 16266 : 2006 'Water quality — Detection and enumeration of *Pseudomonas aeruginosa* — Method by membrane filtration' issued by the International Organization for Standardization (ISO).

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 Standard 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:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 5667-1 : 1980 Water quality — Sampling — Part 1: Guidance on the design of sampling programmes ISO 5667-2 : 1991 Water quality — Sampling – Part 2: Guidance on sampling techniques (*Has been withdrawn and replaced by ISO 5667-1*)	IS 17614 (Part 1) : 2021/ISO 5667-1 : 2020 Water Quality — Sampling — Part 1: Guidance on the design of sampling programmes and sampling techniques	Identical
ISO 5667-3 : 1994 Water quality — Sampling — Part 3 : Guidance on the preservation and handling of samples	IS 17614 (Part 3) : 2021/ ISO 5667-3 : 2018 Water Quality — Sampling : Part 3 — Preservation and handling of water samples	Identical
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 initial suspension and decimal dilutions (*second revision*)	Identical
ISO 8199 : 1988 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 19458 Water quality — Sampling for microbiological analysis	IS 17614 (Part 25) : 2022/ ISO 19458: 2006 Water quality — Sampling: Part 25 — Microbiological analysis	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 these standards.

International Standard	*Title*
ISO 3696	Water for analytical laboratory use — Specification and test methods

ISO 7704	Water quality — Evaluation of membrane filters used for microbiological analyses

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 16266 : 2006'

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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