

SYNOPSIS

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Microbiology of the food chain — Horizontal method for the detection and enumeration of *Enterobacteriaceae*

Part 1 Detection of *Enterobacteriaceae* (Adoption of ISO 21528-1 : 2017)

a) Scope: This document specifies a method, with enrichment, for the detection of *Enterobacteriaceae*. It is applicable to

- products intended for human consumption and the feeding of animals, and
- environmental samples in the area of primary production, food production and food handling.

This method is applicable

- when the microorganisms sought are expected to need resuscitation by enrichment, and
- when the number sought is expected to be below 100 per millilitre or per gram of test sample.

A limitation on the applicability of this document is imposed by the susceptibility of the method to a large degree of variability.

NOTE - Enumeration can be carried out by calculation of the most probable number (MPN) after incubation in liquid medium.

b) Salient features of content: This Indian standard is identical adoption of ISO 21528-1 : 2017 'Microbiology of the food chain — Horizontal method for the detection and enumeration of *Enterobacteriaceae* Part 1 Detection of *Enterobacteriaceae*'. This standard specifies the Normative references, Terms and definitions, Principle, Diluent, culture media and reagent, Equipment and consumables, Sampling, Preparation of test sample, Procedure, Expression of results, Precision, Test report and Quality assurance.

c) Types/grades/classes, if any covered in the standard: Nil

d) Disclaimer (to be automatically provided by the program/software)