



Food microbiology

Method 3: Microbiology of food and animal feeding stuffs — Horizontal
method for the detection and enumeration of coliforms — Most probable
number

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AS 5013.3:2022

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Preface

This Standard was prepared by the Standards Australia Committee FT-035, Food Microbiology, to supersede AS 5013.3—2009, *Food microbiology, Method 3: Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of coliforms — Most probable number technique*.

The objective of this document is to set out guidelines for the detection and the enumeration of coliforms. It is applicable to:

- (a) products intended for human consumption and for the feeding of animals; and
- (b) environmental samples in the area of food production and food handling.

Enumeration is carried out by calculation of the most probable number (MPN) after incubation in a liquid medium at 30 °C or 37 °C.

This document is an adoption with national modifications, and has been reproduced from, ISO 4831:2006, *Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of coliforms — Most probable number technique*. The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

[Appendix Z](#)

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