

SYNOPSIS

FAD 15 (14894)F Microbiology of the food chain –Horizontal method for the enumeration of beta-glucuronidase- positive *Escherichia coli* — Part 1: Colony-count technique at 44 °C using membranes and 5-bromo-4-chloro-3-indolyl beta-D-glucuronide (first revision of IS 16067-1) (Adoption of ISO 16649-1:2018)

a) Scope:

This document specifies a horizontal method for the enumeration of β -glucuronidase-positive *Escherichia coli* by colony-count technique after resuscitation using membranes and incubation at 44 °C on a solid medium containing a chromogenic ingredient for detection of the enzyme β -glucuronidase. It is applicable to :

- products intended for human consumption,
- products intended for feeding animals
- environmental samples in the area of food production and food handling, and
- samples from the primary production stage such as animal faeces, dust and swab

b) Salient features of content: The Standard includes Scope, Terms & Definitions, Principle, Culture Media & Reagents, Equipment & Consumables, Sampling, Preparation of samples, Procedure, Expression of Result, Performance characteristics of the method, Test report and Quality assurance.

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

d) Disclaimer (to be automatically provided by the programme/software): -NA-