

Technical Datasheet

Analysis Name: Detection and Enumeration of *Enterobacteriaceae*:
Detection & MPN *Enterobacteriaceae*

Method Number LIBR 141

Scope of Application: Products intended for human consumption and the feeding of animals, and environmental samples in primary production, food production and food handling.

Description: 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 milliliter or per gram of test sample.

Sample Weight Required: 25 g

Method Reference: ISO 21528-1:2017

Analytical Platform: MPN method

Special information Method should only be used when the levels of EB are expected to be <10 CFU/g or mL to achieve EB specifications of presence/absence or <3 CFU/g.

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

Analyte Reported	Unit of Measure	Limit of Quantification
EB MPN	Per g/mL	< 0.3 g or mL > 110g or mL
EB Presence /Absence	Presence/ Absence	In 100g, 10g, 1g, 0.1g