



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Enumeration of Contaminating Microorganisms

Method Number: LI-00.736

Scope of Application: Samples containing non-spore forming probiotics

Description: A quantitative method to determine the number of contaminating aerobic mesophilic microorganisms. Samples are weighed and transferred onto a selective medium and incubated at 37°C for 24-48 hours. For confirmation, a catalase test is performed on up to 5 colonies. A colony giving a positive reaction is considered as originating from a contaminating microorganism.

Sample Weight Required: 25 g

Method Reference: ISO 13559:2002/IDF 153:2002

Analytical Platform: Cultural Method

Special Information: Non-spore forming probiotic microorganisms do not produce colonies on this agar medium due to the aerobic conditions and/or the limited availability of carbohydrates.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Contaminating Flora Final Count		CFU/g	<10 CFU/g	