



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Enumeration of *Clostridium perfringens* – Colony-Count Technique

Method Number: ISO-7937:2004

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

Description: A quantitative method for the enumeration of *Clostridium perfringens*. Samples are weighed, transferred to a selective medium, and incubated at 37°C for 18-22 hours under anaerobic conditions. Presumptive colonies are sub-cultured into additional mediums and evaluated for biochemical reactions.

Sample Weight Required: 25 g

Method Reference: ISO-7937:2004

Analytical Platform: Cultural Method

Special Information: An inconclusive biochemical reaction during the confirmation step must be re-cultured into additional medium for an additional 24 hours.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
<i>C. perfringens</i> Final Result		CFU/g	< 10 CFU/g	
<i>C. perfringens</i> Final Result		CFU/mL	<1 CFU/mL	