



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

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

Method Number: ISO-15213-2:2023

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

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 may be sub-cultured into additional mediums and evaluated for biochemical reactions if requested.

Sample Weight Required: 25 g

Method Reference: ISO-15213-2:2023

Analytical Platform: Cultural Method

Special Information: In order to ensure accurate and reliable results, any seasonings submitted for testing under ISO 15213-1:2023 or ISO 15213-2:2023 will undergo additional analysis by NQAC Dublin to assess potential interference from the matrix. Only after this analysis will it be determined if the testing can proceed.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
<i>C. perfringens</i> Presumptive Result		CFU/ g CFU/ ml CFU/ swab	< 10 CFU / g <1 CFU / ml <10 CFU / swab (Q-tip/stick) <100 CFU/ swab (sponge)	
<i>C. perfringens</i> Final Result		CFU/ g CFU/ mL CFU/ swab	< 10 CFU / g <1 CFU / ml <10 CFU / swab (Q-tip/stick) <100 CFU/ swab (sponge)	