

Technical Datasheet

Analysis Name:	Enumeration of <i>Clostridium perfringens</i> – Colony-Count Technique
Method Number	LIBR 084
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 <i>Clostridium perfringens</i> . 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:	25g
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	Unit of Measure	Limit of Quantification
<i>C. perfringens</i> Final Result	CFU/g	< 10 CFU/g
<i>C. perfringens</i> Final Result	CFU/ml	< 10 CFU/ml