

Technical Datasheet

Analysis Name:	Enumeration of Probiotic Bacteria.
Method Number	LIBR 185
Scope of Application:	Probiotic culture powders, pre-blends and shelf stable finished products such as milk-based formula and infant cereals. The normal range varies from 1×10^7 to 1×10^{12} CFU/g.
Description:	A quantitative method for the enumeration of probiotic bacteria. Samples are weighed, rehydrated and homogenized. Serial dilutions are made with the same diluent and are plated and mixed with a specific agar. Samples are incubated at 37°C for 48 hours under necessary conditions.
Sample Weight Required:	50 g.
Method Reference:	LI-00.794
Analytical Platform:	Cultural Method.
Special Information:	This method is for the enumeration of probiotic strains <i>Bifidobacterium animalis spp lactis</i> , <i>Lactobacillus reuteri</i> , <i>Bifidobacterium longum</i> .

Analyte Reported	Unit of Measure	Limit of Quantification
<i>Bifidobacterium animalis ssp lactis</i>	CFU/g	< 10 CFU/g
<i>Lactobacillus reuteri</i>	CFU/g	< 10 CFU/g
<i>Bifidobacterium longum</i>	CFU/g	< 10 CFU/g