



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Detection and Enumeration of *Listeria monocytogenes*, Part 2: Enumeration Method

**Method Number:** ISO-11290-2:1998 WI

**Scope of Application:** Products intended for human consumption and for the feeding of animals.

**Description:** This is a quantitative method used for the enumeration of *Listeria monocytogenes* or *Listeria* species. Sample enrichments are resuscitated at room temperature, and then spread onto selective/differential medium. If enumerating for *Listeria* species, typical colonies are confirmed with a Gram Stain. If enumerating for *Listeria monocytogenes*, typical colonies are confirmed using a series of biochemical tests and MALDI-TOF Mass Spectrometry.

**Sample Weight Required:** 25 g

**Method Reference:** ISO-11290-2:1998

**Analytical Platform:** Cultural Method

**Special Information:** Because of the large variety of food products, this method may not be appropriate in every detail for certain products. In this case, different methods, which are specific to these products may be used if absolutely necessary for justified technical reasons.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
<i>Listeria monocytogenes</i> Final Result		CFU/g CFU/mL	<10 CFU/g <10 CFU/mL	
<i>Listeria</i> spp Final Result		CFU/g CFU/mL	<10 CFU/g <10 CFU/mL	