



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Detection and Identification of *Salmonella*

**Method Number:** LI-00.713

**Scope of Application:** This method is applicable for the detection of *Salmonella* in raw materials, environmental samples, line and finished products samples.

**Description:** This is a cultural confirmation method. Presumptive *Salmonella* samples or cultures are sub-cultured in a selective broth to increase the level of *Salmonella* in the selective enrichment. The selective enrichments are then cultured on selective/differential media. Suspect colonies are confirmed using biochemical tests and MALDI-TOF mass spectrometry. Somatic and flagellar serology is performed on confirmed *Salmonella* to determine the name of the serotype. Alternatively, molecular serotyping may be performed per LI-00.706 to determine the serotype name.

**Sample Weight Required:** Isolate samples/Presumptive samples

**Method Reference:** ISO 6579:2002

**Analytical Platform:** Cultural Method

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Salmonella Final		N/A	Presence/Absence	N/A
Salmonella Servoar		N/A	Serovar name	N/A