NQAC
Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Absence of Salmonella Species

Method Number: USP SLM

Scope of Application: This method is applicable to nutritional and dietary supplement matrices.

Not Validated for testing on foods or environmental samples.

Description: A qualitative two-day screening test for Salmonella. This modified version of the USP method has been validated using the Biomerieux VIDAS® system, an Enzyme Linked Fluorescent Assay (ELFA) platform. Samples are enriched in a non-selective broth, then an aliquot of the sample enrichment is inoculated into a broth that is selective for Salmonella. After incubation the selective broth is screened for the presence of Salmonella antigens using the VIDAS® SLM assay. When a positive result is obtained, Salmonella is then isolated and serotyped according to the procedures described in ISO-6579-1:2017.

Sample Weight Required: 10 g, or 25 g

Method Reference: United States Pharmacopeia <2022> Microbiological Procedures for Absence of Specified Microorganisms – Nutritional and dietary Supplements

Analytical Platform: Enzyme Linked Fluorescent Assay

Special Information: Matrices that are inhibitory to the growth of *Salmonella* when enriched at 1:10 are subject to higher dilutions. USP Preparatory testing may be required prior to analysis to determine appropriate dilution factor.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Salmonella Final		Per 10g, Per 25g	Presence / Absence	