



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: USP 2021 Preparatory Test

Method Number: USP 2021 Preparatory Test

Scope of Application: Nutritional supplements of all kinds, from raw materials & finished forms.

Description: USP <2021> requires evidence that the nutritional or dietary supplement being tested doesn't interfere with the methods ability to recover microorganisms of interest. Procedure starts with inoculating the matrix with 6 different microorganisms at a single dilution factor (ex: 1:10). The six standard microorganisms used *Staphylococcus*, *E. coli*, *Salmonella*, *Bacillus*, Mold & Yeast. Results are evaluated for bioburden percent recovery. Results will be reported as passed (70%-130% recovery) when all six organisms pass for that dilution factor and failed when a single inoculated organisms fails.

Sample Weight Required: 150g

Method Reference: United States Pharmacopeia <2021> Microbial Enumeration Tests – Nutritional and Dietary Supplements

Analytical Platform: Cultural Method

Special Information: Not validated for testing on foods or environmental samples.

USP requires evidence for each sample SKU. Please provide product description, product SKU and/or unique identifier to allow for tracking of preparatory testing needs.

Customer specification & matrix pH can assist with dilution factors to be tested.

Please contact customer service if additional microorganisms from the standard three need to be analyzed.

Analyte Reported	Unit of Measure	Limit of Quantification	Potential result
USP 2021 Final	N/A	N/A	Pass or Fail 1:10



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Analysis : Method # : Aliquot Number

USP 2021 Preparatory Test : USP 2021 Preparatory Test : 11986814

	<u>Result</u>	<u>Units</u>
USP 2021 Final	Fail at 1:10	-
Date Analyzed	08/29/2023	-