



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Total Combined Molds and Yeasts Count - Plate Method

**Method Number:** USP MY

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

**Description:** Appropriate dilutions of sample are inoculated on selective media Sabouraud Dextrose Agar (SDA) with Ampicillin, to improve selectivity of the agar. SDA is designed to propagate fungal growth, using the pour plate method. The plates are incubated at 20-25°C for 5 days. Results are reported as Mold Result and Yeast Result.

**Sample Weight Required:** 25g

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

**Analytical Platform:** Cultural Method

**Special Information:** The mold and yeast counts are considered as equal to the number of CFU found using SDA with Ampicillin; if colonies of bacteria are detected on this medium and they are ampicillin resistant, they will be included as part of the reported counts.  
Not validated for testing on foods or environmental samples.  
For samples that require Preparatory Testing, see TDS for USP Preparatory Testing.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Mold Result		CFU/g CFU/mL	< 10 CFU/g <10 CFU/mL	
Yeast Result		CFU/g CFU/mL	< 10 CFU/g <10 CFU/mL	