MICROBIOLOGICAL MEDIA
QUALITY PERFORMANCE REPORT # 23051

Test Media: Yeast and Mould Count Plate

Brand: 3M Petrifilm™ **Batch No. / Expiry Date:** 33NFT5/2024-08-11

Reference Media: Yeast Dextrose Chloramphenicol (YDC) Agar

Brand: Merck **Batch No. / Expiry Date:** VM913700 /Feb 2025

Date Tested: 06 Apr 2023 **Project No:** 23-107735-1A

BATCH PERFORMANCE CERTIFICATE

Qualitative Analysis

Test Organism	Observed Growth
Staphylococcus aureus NZRM 87	No Growth
Escherichia coli NZRM 916	No Growth
Saccharomyces cerevisiae NZRM 2241	Positive
Pseudomonas aeruginosa NZRM 918	No Growth
Aspergillus brasiliensis NZRM 2578	Positive
Blank	No Growth

Positive: Typical growth as described by method.

Negative: Growth not described as typical.

No Growth: No visible colonies observed.

Method: Direct inoculation i.e. 1ml of a diluted overnight culture was used to inoculate the test media.

Blank: 5 plates inoculated with 1ml sterile diluent.

Incubation Conditions: Aerobic 25°C/5 days

Quantitative Analysis

-	Test Organism	
-	*Saccharomyces cerevisiae* NZRM 2241	-
Ave. No. Colonies 3M Petrifilm	89	-
Ave. No. Colonies YDC	86.4	-
% Difference	3.0%	-

Quantitative analysis compares the recovery rate of the test media to a reference media.

Calculation: The percentage difference =

$$\frac{[\text{Ave. No. of Test Media Colonies} \times 100]}{\text{Ave. No. of Reference Media Colonies}} - 100$$

Method: In House

Incubation Conditions: Aerobic 25°C/5 days

Quantitative Interpretation: The media performance is considered acceptable if the percentage difference between the test and non-selective reference media does not exceed ±10%.

Qualitative Interpretation: The media performance is considered acceptable if both positive growth of the target organism(s) and negative or no growth of non-target organism(s) is expressed.

The above criteria are testing laboratory In-house limits, which have been endorsed by 3M as a report interpretation guideline.

Results apply to samples of the Batch as received by the laboratory.

Authorised by: Michele

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Scientific Analyst

Report Date: 15 Apr 2023

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