

## MICROBIOLOGICAL MEDIA QUALITY PERFORMANCE REPORT # 24042

**Test Media:** *E. coli* / Coliform Count Plate

**Brand:** 3M Petrifilm™

**Batch No. / Expiry Date:** 418323334C/2025-05-30

**Reference Media:** Standard Plate Count (SPC) Agar

**Brand:** Oxoid

**Batch No. / Expiry Date:** 3573499 / 30 Nov 2027

**Date Tested:** 14 Mar 2024

**Project No:** 24-65542-1A

### BATCH PERFORMANCE CERTIFICATE

Qualitative Analysis		Quantitative Analysis		
Test Organism	Observed Growth	-	Test Organism	
<i>Staphylococcus aureus</i> NZRM 87	No Growth	-	<i>Escherichia coli</i> NZRM 916	-
<i>Escherichia coli</i> NZRM 916	Positive ( <i>E. coli</i> )	Ave. No. Colonies 3M Petrifilm	104.2	-
<i>Enterococcus faecalis</i> NZRM 1106	No Growth	Ave. No. Colonies SPC	103.6	-
<i>Pseudomonas aeruginosa</i> NZRM 918	Negative	% Difference	0.6%	-
<i>Enterobacter cloacae</i> NZRM 2375	Positive ( <i>Coliform</i> )	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		
Blank	No Growth			
Incubation Conditions: Aerobic 35°C/24 hours  <u>Positive:</u> Typical growth as described by method. <u>Negative:</u> Growth not described as typical. <u>No Growth:</u> No visible colonies observed. <u>Method:</u> Direct inoculation i.e. 1ml of a diluted overnight culture was used to inoculate the test media. <u>Blank:</u> 5 plates inoculated with 1ml sterile diluent.		Incubation Conditions: Aerobic 35°C/24 hours		

**Quantitative Interpretation:** The media performance is considered acceptable if the percentage difference between the test and non-selective reference media does not exceed  $\pm 30\%$ .

**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:



Chiara Wei  
Scientific Analyst



Report Date: 28 Mar 2024

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