

## MICROBIOLOGICAL MEDIA QUALITY PERFORMANCE REPORT # 24083

**Test Media:** Aerobic Count Plate

**Brand:** 3M Petrifilm™

**Batch No. / Expiry Date:** 33XCY3/2025-10-14

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

**Brand:** Oxoid

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

**Date Tested:** 30 May 2024

**Project No:** 24-149310-1A

### BATCH PERFORMANCE CERTIFICATE

Qualitative Analysis		Quantitative Analysis		
Test Organism	Observed Growth	-	Test Organism	
<i>Staphylococcus aureus</i> NZRM 87	Growth	-	<i>Escherichia coli</i> NZRM 916	<i>Staphylococcus aureus</i> NZRM 87
<i>Escherichia coli</i> NZRM 916	Growth	Ave. No. Colonies 3M Petrifilm	93.2	111
<i>Enterococcus faecalis</i> NZRM 1106	Growth	Ave. No. Colonies SPC	92	105.6
<i>Pseudomonas aeruginosa</i> NZRM 918	Growth	% Difference	1.3%	5.1%
<i>Enterobacter cloacae</i> NZRM 2375	Growth	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			
<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/48 hours		

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

**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:

Yu Cao  
Senior Scientist



Report Date: 04 Jun 2024

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