

**MICROBIOLOGICAL MEDIA
QUALITY PERFORMANCE REPORT # 13508**

Test Media: Aerobic Count Plate

Brand: 3M Petrifilm™

Batch No. / Expiry Date: 2017-09 TH

Reference Media: Standard Plate Count Agar



Brand: Oxoid

Batch No. / Expiry Date: 1743844 / November 2020

Date Tested: 19 April 2016

Job No: 16-80993-1A

BATCH PERFORMANCE CERTIFICATE

Qualitative Analysis		Quantitative Analysis		
Test Organism	Observed Growth	Results		
<i>Staphylococcus aureus</i> NZRM 87	Growth	-	<i>E. coli</i> NZRM 916	<i>S. aureus</i> NZRM 87
<i>Escherichia coli</i> NZRM 916	Growth	Ave. No. Colonies 3M Petrifilm	65.4	117.4
<i>Enterococcus faecalis</i> NZRM 1106	Growth	Ave. No. Colonies SPC	68.6	110.8
<i>Pseudomonas aeruginosa</i> NZRM 918	Growth	%Difference	-4.7%	+6.0%
<i>Enterobacter cloacae</i> NZRM 2375	Growth	-	-	-
Blank	No Growth	-	-	-
<p><u>No Growth:</u> No visible colonies observed.</p> <p><u>Method:</u> Direct inoculation i.e. 1ml of a diluted overnight culture was used to inoculate the test media.</p> <p><u>Blank:</u> 5 plates inoculated with 1ml sterile diluent.</p>		<p>*Quantitative analysis compares the recovery rate of the test media to a reference media.</p> <p>**Calculation: The percentage difference =</p> <p style="text-align: center;">[Ave No of Test Media Colonies x100] -100 Ave No of Reference Media Colonies</p> <p><u>Method:</u> In House</p>		
Incubation Conditions: Aerobic 35°C/48hours		Incubation Conditions: Aerobic 35°C/48hours		
<p>Quantitative Interpretation: The media performance is considered acceptable if the percentage difference between the test and non-selective reference media does not exceed ±10%.</p> <p>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.</p> <p>The above criteria are testing laboratory In-house limits, which have been endorsed by 3M as a report interpretation guideline.</p> <p>Results apply to samples of the Batch as received by the laboratory.</p>				
<p>Authorised by:</p>  Yu Cao Scientific Analyst		 IANZ ACCREDITED LABORATORY Report Date: 21 April 2016		