

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



E&O Laboratories Ltd

Sample: PP1030-P090 Plate Count Agar (APHA Standard)

Batch Number: 00019221

Expiry Date: 01/01/2026

Date Received: 10/10/2025

Date Tested: 10/10/2025

Date of Issue: 16/10/2025

Sample Condition: Satisfactory

Burnhouse, Bonnybridge
Scotland, FK4 2HH
Telephone: 01324 840404
Fax: 01324 841314
Email: info@eolabs.com

The RGI is a calculation of the % growth on the test media compared with the growth on a control media. The test medium must achieve an RGI between 70-120% for non-selective media / $\geq 50\%$ for selective media.

Accredited Test Method: ED/SOP/008 Quantitative evaluation using spread inoculum technique (solid media)

Productivity	RGI (%)	Colonial Appearance	Colonial Appearance Specification
B.subtilis NCTC 10400	78	Cream colonies	Cream colonies
S.aureus NCTC 12981	86	White colonies	White colonies
E.coli NCTC 12241	113	Cream colonies	Cream colonies

Physical	Result	Specifications	Accredited Test Method
Sterility	Conforms	Within acceptable limits	ED/SOP/005 Visual check and growth assessment following incubation for 3 days at 15-25°C and 37°C
Sterility sampling is performed in accordance with ISO 2859-1:1999*. The inspection level is $\geq 0.4\%$ of the batch and the reject level ≤ 7 units depending on batch size			
pH	6.9	7.0 ± 0.2	ED/SOP/003 measurement by pH meter
Colour	Conforms	Clear Agar	ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide
Fill Quantity	Conforms	18-22ml	ED/SOP/054 by gravimetric determination

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Moisture	Conforms	98 ± 1%	ED/SOP/053 with drying and gravimetric determination
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All of the results on this certificate of analysis relate only to the samples submitted.

Test specifications are based on ISO 11133:2014/Amd/:2020 and internal product specifications.

*Sterility sampling is outwith scope of accreditation.



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Douglas Cameron
Technical Manager, E&O Laboratories Ltd