

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: 00025136

Expiry Date: 10/06/2026

Date Received: 18/03/2026

Date Tested: 18/03/2026

Date of Issue: 23/03/2026

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 | 96 | Cream colonies | Cream colonies |
| S.aureus NCTC 12981 | 106 | White colonies | White colonies |
| E.coli NCTC 12241 | 108 | 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 \pm 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 |
|----------|----------|---------|------------------------------------------------------|

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