

# Certificate of Analysis

## Client

E&O Laboratories Ltd  
Burnhouse  
Bonnybridge  
Scotland  
FK4 2HH



E&O Laboratories Ltd

**Sample:** PP1030 - Plate Count Agar (Standard)  
**Batch Number:** 04174632  
**Expiry Date:** 2025-06-09  
**Date Received:** 2025-03-18  
**Date Tested:** 2025-03-18  
**Date of Issue:** 2025-03-24  
**Sample Condition:** Satisfactory  
**Sample Number:** 481882

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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 |
|-------------------------------------|---------|---------------------|-----------------------------------|
| Bacillus subtilis<br>NCTC 10400     | 70      | Cream colonies      | Cream colonies                    |
| Escherichia coli<br>NCTC 12241      | 92      | Cream colonies      | Cream colonies                    |
| Staphylococcus aureus<br>NCTC 12981 | 119     | White colonies      | White 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 $\leq 7$ units depending on batch size. |          |                          |                                                                                                   |
| pH                                                                                                                                                                                  | 7.2      | 7.0 +/- 0.2              | ED/SOP/003 measurement by pH meter                                                                |
| Colour                                                                                                                                                                              | Conforms | 2-8 - 6-8 Pale Straw     | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide            |

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|               |          |            |                                                      |
|---------------|----------|------------|------------------------------------------------------|
| Fill Quantity | Conforms | 18-22ml    | ED/SOP/054 by gravimetric determination              |
| Moisture      | Conforms | 95% +/- 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