

# Certificate of Analysis

## Client

E&O Laboratories Ltd  
Burnhouse  
Bonnybridge  
Scotland  
FK4 2HH



E&O Laboratories Ltd

**Sample:** PP1160 - Violet Red Bile Glucose Agar  
**Batch Number:** 04174029  
**Expiry Date:** 2025-05-05  
**Date Received:** 2025-02-10  
**Date Tested:** 2025-02-10  
**Date of Issue:** 2025-02-13  
**Sample Condition:** Satisfactory  
**Sample Number:** 479633

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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                           |
|--------------------------------------|---------|---|---|
| Salmonella typhimurium<br>NCTC 12023 | 108     | Dark red/purple colonies with or without precipitation halo | Dark red/purple colonies with or without precipitation halo |
| Escherichia coli<br>NCTC 12923       | 91      | Dark red/purple colonies with or without precipitation halo | Dark red/purple colonies with or without precipitation halo |

Accredited Test Method: ED/SOP/051 - log reduction of inoculum using drop inoculum for selective agar and fluid media. Inhibition indicates selectivity factor  $\geq 2$ .

| Selectivity                         | Test Result | Specification |
|-------------------------------------|-------------|---------------|
| Enterococcus faecalis<br>NCTC 12697 | Inhibited   | Inhibited     |

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| 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      | 7.4 +/- 0.2              | ED/SOP/003 measurement by pH meter  |
| Colour  | Conforms | 4072 C<br>Purple         | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide            |
| Fill Quantity   | Conforms | ml                       | ED/SOP/054 by gravimetric determination   |
| Moisture  | Conforms | 95% +/- 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.



1894

**Douglas Cameron**  
Technical Manager, E&O Laboratories Ltd