# Certificate of Analysis

**Client**

E&O Laboratories Ltd
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E&O Laboratories Ltd

Burnhouse, Bonnybridge
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Telephone: 01324 840404
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**Sample:** PP0520-P090 Charcoal Agar with 10% Horse Blood and Cephalexin (40mg/L)

**Batch Number:** 00033360

**Expiry Date:** 12/11/2026

**Date Received:** 01/10/2026

**Date Tested:** 01/10/2026

**Date of Issue:** 06/10/2026

**Sample Condition:** Satisfactory

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 / ≥ 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.pertussis NCTC 10739 | 77 | Grey colonies | Grey colonies |

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

| Selectivity | Test Result | Specification |
|---|---|---|
| K.pneumoniae NCTC 9633 | Inhibited | Inhibited |
| S.aureus NCTC 12981 | Inhibited | Inhibited |

| 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 ≥ 0.4% of the batch and the reject level ≤ 7 units depending on batch size | | | |
| pH | 7.2 | 7.4 ± 0.2 | ED/SOP/003 measurement by pH meter |

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| | | | |
|---|---|---|---|
| Colour | Conforms | Black 5C | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide |
| Fill Quantity | Conforms | 24-26ml | ED/SOP/054 by gravimetric determination |
| Moisture | Conforms | 94 ± 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.

UKAS TESTING

1894

**Douglas Cameron**
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