# Certificate of Analysis

**Client**

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH

E&O Laboratories Ltd

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

| | |
|---|---|
| **Sample:** | BM0760 - Max. Recovery Diluent |
| **Batch Number:** | 04096889 |
| **Expiry Date:** | 2022-05-03 |
| **Date Received:** | 2021-11-03 |
| **Date Tested:** | 2021-11-03 |
| **Date of Issue:** | 2021-11-08 |
| **Sample Condition:** | Satisfactory |
| **Sample Number:** | 412352 |

**The log difference between inocula pre and post a 45 minute retention in the diluent should be ≤ 0.3.**
**Accredited Test Method: See table below**

| Productivity | Result | Specification |
|---|---|---|
| Escherichia coli NCTC 12241 | Conforms | ≤ 0.3 |
| Staphylococcus aureus NCTC 12981 | Conforms | ≤ 0.3 |

| 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 | 7.0 | 7.0 +/- 0.2 | ED/SOP/003 measurement by pH meter |
| Colour | Conforms | Colourless | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide |
| Fill Quantity | Conforms | 9ml +/- 0.3 | ED/SOP/054 by gravimetric determination |

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| Accredited Test Method for Solid Media | Accredited Test Method for Liquid Media | Accredited Test Method for Diluents |
|---|---|---|
| ED/SOP/008 Quantitative evaluation using spread inoculum technique | ED/SOP/008 Semi quantitative inoculation with growth assessment from subculture | ED/SOP/008 Semi quantitative evaluation of viability maintenance after a holding time of 45 minutes |

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