

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



E&O Laboratories Ltd

Sample: BM1432 - Tryptone Soya Agar (USP)
Batch Number: 04113538
Expiry Date: 2027-02-05
Date Received: 2026-02-10
Date Tested: 2026-02-10
Date of Issue: 2026-02-17
Sample Condition: Satisfactory
Sample Number: 493393

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

Accredited Test Method: See table below

| Productivity | Result | Colonial Appearance | Colonial Appearance Specification |
|--|--------|--|--|
| Escherichia coli ATCC 8739 | 91 | Cream colonies | Cream colonies |
| Aspergillus brasiliensis ATCC 16404 | 76 | White Colonies. Reverse side is pale yellow. | White Colonies. Reverse side is pale yellow. |
| Candida albicans ATCC 10231 | 82 | White Colonies | White Colonies |
| Pseudomonas aeruginosa ATCC 9027 | 100 | Cream Colonies | Cream Colonies |
| Bacillus subtilis ATCC 6633 | 74 | Cream Colonies | Cream Colonies |
| Staphylococcus aureus ATCC 6538 | 114 | Yellow Colonies | Yellow Colonies |

For solid media 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. For liquid media growth is determined from a subculture of the test broth inoculated with 10 - 100 cfu of the target organism.

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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 ≤ 7 units depending on batch size. | | | |
| pH | 7.2 | 7.3 ± 0.2 | ED/SOP/003 measurement by pH meter |
| Colour | Conforms | Straw. 4025 C | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide |
| Fill Quantity | Conforms | 250ml +/- 1% | ED/SOP/054 by gravimetric determination |

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| Accredited Test Method for Solid Media |
|--|
| ED/SOP/008 Quantitative evaluation using spread inoculum technique |

| Accredited Test Method for Liquid Media |
|---|
| ED/SOP/008 Semi quantitative inoculation with growth assessment from subculture |

| Accredited Test Method for Diluents |
|---|
| 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.



Douglas Cameron
Technical Manager, E&O Laboratories Ltd