

# 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:** 04106697  
**Expiry Date:** 2025-01-24  
**Date Received:** 2024-01-26  
**Date Tested:** 2024-01-26  
**Date of Issue:** 2024-02-05  
**Sample Condition:** Satisfactory  
**Sample Number:** 461780

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	97	Cream colonies	Cream colonies
Aspergillus brasiliensis ATCC 16404	96	White Colonies. Reverse side is pale yellow.	White Colonies. Reverse side is pale yellow.
Candida albicans ATCC 10231	84	White Colonies	White Colonies
Pseudomonas aeruginosa ATCC 9027	96	Cream Colonies	Cream Colonies
Bacillus subtilis ATCC 6633	77	Cream Colonies	Cream Colonies
Staphylococcus aureus ATCC 6538	92	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 $\leq 7$ units depending on batch size.			
pH	7.3	7.3 +/- 0.2	ED/SOP/003 measurement by pH meter
Colour	Conforms	2-8 - 6-8 Straw	ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide
Fill Quantity	Conforms	250ml +/- 0.3	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.



1894

Douglas Cameron  
Technical Manager, E&O Laboratories Ltd