

# Certificate of Analysis

## Client

E&O Laboratories Ltd  
Burnhouse  
Bonnybridge  
Scotland  
FK4 2HH



E&O Laboratories Ltd

**Sample:** BM0540 - Nutrient Agar  
**Batch Number:** 04086918  
**Expiry Date:** 2021-08-18  
**Date Received:** 2020-08-21  
**Date Tested:** 2020-08-21  
**Sample Condition:** Satisfactory  
**Sample Number:** 385170

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
Staphylococcus aureus NCTC 12981	Growth	White colonies	White colonies
Yersinia enterocolitica NCTC 12982	Growth	Cream colonies	Cream colonies
Salmonella typhimurium NCTC 12023	Growth	Cream colonies	Cream colonies
Escherichia coli NCTC 12241	Growth	Grey colonies	Grey 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.**

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	7.2 +/- 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	3ml +/- 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/:2018 and internal product specifications



Douglas Cameron  
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