Certificate of Analysis

Client

E&O Laboratories Ltd
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Bonnybridge
Scotland
FK4 2HH

E&O Laboratories Ltd

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Telephone: 01324 840404
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Sample: PP1160-P090 Violet Red Bile Glucose Agar (VRBGA)

Batch Number: 00033363

Expiry Date: 24/12/2026

Date Received: 02/10/2026

Date Tested: 02/10/2026

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
E.coli ATCC 8739	88	Dark red/purple colonies with or without precipitation halo	Dark red/purple colonies with or without precipitation halo
S.typhimurium NCTC 12023	84	Dark red/purple colonies with or without precipitation halo	Dark red/purple colonies with or without precipitation halo

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
E.faecalis NCTC 12697	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	7.3	7.4 ± 0.2	ED/SOP/003 measurement by pH meter

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Colour	Conforms	Purple4072C	ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide
Fill Quantity	Conforms	18-22ml	ED/SOP/054 by gravimetric determination
Moisture	Conforms	96 ± 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

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Douglas Cameron
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