

# Certificate of Analysis

## Client

E&O Laboratories Ltd  
Burnhouse  
Bonnybridge  
Scotland  
FK4 2HH



E&O Laboratories Ltd

**Sample:** PP8020-P090 Tryptone Soya Agar (IRRADIATED) (VHP)

**Batch Number:** 00024636

**Expiry Date:** 04/12/2026

**Date Received:** 02/04/2026

**Date Tested:** 02/04/2026

**Date of Issue:** 09/04/2026

**Sample Condition:** Satisfactory

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Fax:01324 841314  
Email: info@eolabs.com

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.  
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	71	Cream colonies	Cream colonies
S.aureus ATCC 6538	118	White colonies	White colonies
B.subtilis NCTC 10400	75	Opaque/grey colonies	Opaque/grey colonies
P.aeruginosa ATCC 9027	90	Cream colonies	Cream colonies
C.albicans NCPF 3179	115	White colonies	White colonies
A.brasiliensis NCPF 2275	82	White colonies with black pigmentation, reverse side pale yellow	White colonies with black pigmentation, reverse side pale yellow

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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	7.2	$7.3 \pm 0.2$	ED/SOP/003 measurement by pH meter
Colour	Conforms	Dark straw 7403C	ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide
Fill Quantity	Conforms	24-26ml	ED/SOP/054 by gravimetric determination
Moisture	Conforms	$95 \pm 1\%$	ED/SOP/053 with drying and gravimetric determination

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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.



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