

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland, FK4 2HH



E&O Laboratories Ltd

Sample: KM0168 Triple Sugar Iron Agar
Batch Number: 00024047
Expiry Date: 26/01/2028
Date Received: 18/02/2026
Date Tested: 18/02/2026
Date of Issue: 26/02/2026
Sample Condition: Satisfactory

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

Product sample prepared and tested as BM0440 Triple Sugar Iron Agar Slope

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 a selective media.

Productivity	RGI (%)	Colonial Appearance	Colonial Appearance Specification
E.coli NCTC 12241	Growth	Slope yellow. Butt yellow. Gas positive. H2S negative.	Slope yellow. Butt yellow. Gas positive. H2S negative.
P.aeruginosa NCTC 12903	Growth	Slope red. Butt red. Gas negative. H2S negative.	Slope red. Butt red. Gas negative. H2S negative.
P.mirabilis NCTC 10975	Growth	Slope red. Butt yellow. Gas positive. H2S positive.	Slope red. Butt yellow. Gas positive. H2S positive.
S.flexneri ATCC 12022	Growth	Slope red. Butt yellow. Gas negative. H2S negative.	Slope red. Butt yellow. Gas negative. H2S negative.
S.sonnei NCTC 8574	Growth	Slope red. Butt yellow. Gas negative. H2S negative.	Slope red. Butt yellow. Gas negative. H2S negative.
S.typhimurium NCTC 12023	Growth	Slope red. Butt yellow. Gas positive. H2S positive.	Slope red. Butt yellow. Gas positive. H2S positive.

Physical	Result	Specification	Test Method
Colour	Conforms	Red/orange. 49-5 – 60-1	ED/SOP/009 by visual observation. Range measured using Pantone guide.
pH	7.3	7.4 \pm 0.2	ED/SOP/003 measurement by pH meter.

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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.2:2020 and internal product specifications



Douglas Cameron
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