

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



Burnhouse, Bonnybridge
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Sample: BM2022 - Campylobacter Broth Bolton
Batch Number: 04085544
Expiry Date: 2020-09-16
Date Received: 2020-06-19
Date Tested: 2020-06-19
Sample Condition: Satisfactory
Sample Number: 380611

Accredited Test Method: See table below

Productivity	Result	Colonial Appearance	Colonial Appearance Specification
Campylobacter jejuni NCTC 11322	Growth	Grey spreading colonies	Grey spreading 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.

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
Escherichia coli NCTC 12241	Inhibited	Inhibited
Proteus mirabilis NCTC 11938	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 $\geq 0.4\%$ 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
Colour	Conforms	DE59-1 - DE68-1 Dark Red	ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide
Fill Quantity	Conforms	225ml +/- 0.3	ED/SOP/054 by gravimetric determination

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Accredited Test Method for Solid Media	Accredited Test Method for Liquid Media	Accredited Test Method for Diluents
ED/SOP/008 Quantitative evaluation using spread inoculum technique	ED/SOP/008 Semi quantitative inoculation with growth assessment from subculture	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.



Douglas Cameron
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