

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



Sample: LS5005 - Cl.perfringens (TSC) (0.5L)
Clostridium Perfringens (TSC) Selective Supplement

Batch Number: 04087313

Expiry Date: 2022-09-15

Date Received: 21.09.2020

Data Tested: 21.09.2020

Sample Condition: Satisfactory

Sample Number: 386909

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 |
|--------------------------------------|--------|---------------------|-----------------------------------|
| Clostridium perfringens NCTC 8237 | 91 | Black colonies | Black 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 |

| 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. | | | |
| Colour | Conforms | White | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide |

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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.



Douglas Cameron
Technical Manager, E&O Diagnostics Ltd