

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



E&O Laboratories Ltd

Sample: BM2201 - Mineral Mod. Glut. Med./DBL St
Batch Number: 04097965
Expiry Date: 2022-07-05
Date Received: 2022-01-05
Date Tested: 2022-01-05
Date of Issue: 2022-01-10
Sample Condition: Satisfactory
Sample Number: 416146

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 |
|--------------------------------------|--------|--|--|
| Pseudomonas aeruginosa NCTC 12903 | Growth | Broth: Acid production = -ve (Purple) Gas production = -ve MacConkey plate: Green colonies | Broth: Acid production = -ve (Purple) Gas production = -ve MacConkey plate: Green colonies |
| Enterobacter aerogenes NCTC 10006 | Growth | Broth: Acid production = +ve (Yellow) Gas production = +ve MacConkey plate: Red colonies | Broth: Acid production = +ve (Yellow) Gas production = +ve MacConkey plate: Red colonies |
| Escherichia coli NCTC 12241 | Growth | Broth: Acid production = +ve (Yellow) Gas production = +ve MacConkey plate: Red colonies | Broth: Acid production = +ve (Yellow) Gas production = +ve MacConkey plate: Red 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 |
|-------------------------------------|-------------|---------------|
| Enterococcus faecalis NCTC 12697 | | |

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



E&O Laboratories Ltd

Sample: BM2201 - Mineral Mod. Glut. Med./DBL St
Batch Number: 04097965
Expiry Date: 2022-07-05
Date Received: 2022-01-05
Date Tested: 2022-01-05
Date of Issue: 2022-01-10
Sample Condition: Satisfactory
Sample Number: 416146

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

| 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 | 6.9 | 6.7 +/- 0.2 | ED/SOP/003 measurement by pH meter |
| Colour | Conforms | Purple | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide |
| Fill Quantity | Conforms | 10ml +/- 0.3 | ED/SOP/054 by gravimetric determination |

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



E&O Laboratories Ltd

Sample: BM2201 - Mineral Mod. Glut. Med./DBL St
Batch Number: 04097965
Expiry Date: 2022-07-05
Date Received: 2022-01-05
Date Tested: 2022-01-05
Date of Issue: 2022-01-10
Sample Condition: Satisfactory
Sample Number: 416146

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

| 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.

Test specifications are based on ISO 11133:2014/Amd/:2020 and internal product specifications

*Sterility sampling is outwith scope of accreditation.



Douglas Cameron
Technical Manager, E&O Laboratories Ltd