

Certificate of Analysis

Client

E&O Laboratories Ltd
Burnhouse
Bonnybridge
Scotland
FK4 2HH



E&O Laboratories Ltd

Sample: PP0890 - Malt Extract Agar
Batch Number: 04166592
Expiry Date: 2023-10-10
Date Received: 2023-07-11
Date Tested: 2023-07-11
Date of Issue: 2023-07-14
Sample Condition: Satisfactory
Sample Number: 450259

Burnhouse, Bonnybridge
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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 |
|---------------------------------------|---------|---------------------|-----------------------------------|
| Candida albicans NCPF 3179 | 81 | White colonies | White colonies |
| Saccharomyces cerevisiae NCPF 3178 | 77 | White colonies | White colonies |

| 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 | 5.5 | 5.4 +/- 0.2 | ED/SOP/003 measurement by pH meter |
| Colour | Conforms | 6-3 - 10-2 Pale Brown | ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide |
| Fill Quantity | Conforms | 18-22ml | ED/SOP/054 by gravimetric determination |

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|----------|----------|------------|--|
| Moisture | Conforms | 95% +/- 3% | ED/SOP/053 with drying and gravimetric determination |
|----------|----------|------------|--|

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