

# Certificate of Analysis

**Client**

E&O Laboratories Ltd  
Burnhouse  
Bonnybridge  
Scotland  
FK4 2HH



E&O Laboratories Ltd

**Sample:** PP1191 - Yeast Ex w Glu & Chlor  
**Batch Number:** 04171325  
**Expiry Date:** 2024-10-03  
**Date Received:** 2024-06-26  
**Date Tested:** 2024-06-26  
**Date of Issue:** 2024-07-01  
**Sample Condition:** Satisfactory  
**Sample Number:** 469927

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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.<br>Accredited Test Method: ED/SOP/008 Quantitative evaluation using spread inoculum technique (solid media) |         |                     |                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------|-----------------------------------|
| Productivity                                                                                                                                                                                                                                                                                                                       | RGI (%) | Colonial Appearance | Colonial Appearance Specification |
| Candida albicans<br>NCPF 3179                                                                                                                                                                                                                                                                                                      | 83      | White colonies      | White colonies                    |
| Saccharomyces cerevisiae<br>NCPF 3178                                                                                                                                                                                                                                                                                              | 100     | White colonies      | White colonies                    |

| Accredited Test Method: ED/SOP/051 - log reduction of inoculum using drop inoculum for selective agar and fluid media. Inhibition indicates selectivity factor $\geq 2$ . |             |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| Selectivity                                                                                                                                                               | Test Result | Specification |
| Escherichia coli<br>NCTC 12241                                                                                                                                            | Inhibited   | Inhibited     |

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| 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 ≥ 0.4% of the batch and the reject level ≤ 7 units depending on batch size. |          |                          |                                                                                                   |
| pH                                                                                                                                                                       | 6.7      | 6.6 +/- 0.2              | ED/SOP/003 measurement by pH meter                                                                |
| Colour                                                                                                                                                                   | Conforms | 2-8 - 6-8 Pale Straw     | 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                                                           |
| Moisture                                                                                                                                                                 | Conforms | 95% +/- 3%               | ED/SOP/053 with drying and gravimetric determination                                              |

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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/:2020 and internal product specifications

\*Sterility sampling is outwith scope of accreditation.



1894

**Douglas Cameron**  
Technical Manager, E&O Laboratories Ltd