

## G & M Procter Ltd. Certificate of Analysis

**PRODUCT**                      **BO1124M**  
**MACCONKEY BROTH (EP,USP,JP,BP)**  
**10 X 100ML IN 125ML SIROP**

**LOT NUMBER**                4513720  
**EXPIRY DATE**                2026.07.09  
**PACKING DATE**              2025.07.07  
**TEST DATE**                    2025.07.08  
**REPORTING DATE**            2025.07.14

All testing in accordance with internally derived specifications, unless otherwise stated.

| Physical Characteristics            | Results  | Specification            | Accredited Method Reference                |
|-------------------------------------|----------|--------------------------|--|
| Appearance                          | Purple   | Purple                   | SOP 183 Appearance and colour              |
| pH (25°C)                           | 7.3      | 7.1 - 7.5                | SOP 53 pH                                  |
| Fill Volume/Weight                  | 100.6g   | 100.0 - 101.5g           | SOP 154 Fill volume weight check           |
| Sterility@ 22 & 32°C±1°C for 3 days | Conforms | Within acceptable limits | SOP 167 Contamination Check at 22°C & 32°C |

### MICROBIOLOGICAL PERFORMANCE

For target organisms the control media must achieve a colony count of 10-100 cfu. The test medium must show clearly visible growth as stated in the specification.

For inhibited organisms, the test medium must show no growth from the stated inoculum.

| Target Organism                | Control(cfu) | Test          | Specification | Accredited Method Reference                                      |
|--------------------------------|--------------|---------------|---------------|--|
| Escherichia coli<br>ATCC®8739  | 65           | Turbid growth | Turbid growth | SOP 151 Fertility of Specified Target Organism(s) (Liquid Media) |
| Escherichia coli<br>ATCC®25922 | 69           | Turbid growth | Turbid growth | SOP 151 Fertility of Specified Target Organism(s) (Liquid Media) |

All of the results reported within the G & M Procter Certificate of Analysis relate only to the sample tested. The results were derived from a representative sample of the batch and were obtained at the time of release. The testing laboratory is not responsible or accredited for the sampling process. All test specifications are defined in the G&M Procter manufacturing and test procedures for this product, which are available on request. The uncertainty of measurement introduced during pH, fill weight and microbiological performance testing has been determined, but not reported on the Certificate.



*Ian Snowball*

Ian Snowball  
Quality Manager  
G & M Procter Ltd.

Performance tested by the Quality Control Laboratory, G & M Procter Ltd, 4 Auld Bond Road,  
Perth, PH1 3FX, a UKAS accredited testing laboratory NO. 2727

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| Inhibited Organism                  | Control(cfu)     | Test      | Specification | Accredited Method Reference |
|-------------------------------------|------------------|-----------|---------------|-----------------------------|
| Enterococcus faecalis<br>ATCC®29212 | 10,000 - 100,000 | No growth | No growth     | SOP 155 Inhibition          |
| Staphylococcus aureus<br>ATCC®6538  | 10,000 - 100,000 | No growth | No growth     | SOP 155 Inhibition          |

### EXTRA INFORMATION

All results within this section are reported out with the UKAS ISO 17025 Scope of Accreditation.

Tested in accordance with the harmonized methods described in the current European, United States and Japanese pharmacopoeias for the detection of specified microorganisms in non-sterile products.

\*Due to process restriction the packing date may be after the test date.

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Quality Manager  
G & M Procter Ltd.

## CERTIFICATE OF ANALYSIS

### Delivery/Customer information

Date Printed

2025.07.14

Delivery No.

Customer

Customer Order number

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The information given is believed to be correct. However both the information and the product are offered without warranty for any specific application other than that specified. The results reported were derived from a representative sample of the batch and were obtained at the time of release.



Ian Snowball  
Quality Manager, G&M Procter Ltd

Our management system is certified by BSI as being in conformity with ISO 9001:2008, certificate number FM 27644 and ISO 13485:2003, certificate number MD 85850.

G & M Procter Ltd, Thermo Fisher Scientific, Microbiology,  
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