



G & M Procter Ltd. Certificate of Analysis

PRODUCT **BO0351M**
TRYPTONE SOYA BROTH (acc. to EP/USP)
10 X 100ML IN 125ML SIROP

LOT NUMBER 1092749
EXPIRY DATE 2010.06.16
PRODUCTION DATE 2009.06.23
TEST DATE 2009.06.24
REPORTING DATE 2009.07.08

Physical Characteristics	Results	Specification	Accredited Method Reference
Appearance	Straw 3	Straw 2, straw 2-3 or straw 3	Appearance and colour
pH (25°C)	7.3	7.1 - 7.5	pH
Fill Volume/Weight	101.4g	100.0 - 101.5g	Fill volume weight check
Sterility @ 22°C & 32°C ± 2°C for 14days	No growth	No growth	Ster.at 22,32,37 & 44°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.

Target Organism	Control(cfu)	Test	Specification	Accredited Method Reference
Staphylococcus aureus ATCC®6538	57	Turbid growth	Turbid growth	Fertility of Specified Target Organism(s) (Liquid Media)
Pseudomonas aeruginosa ATCC®9027	64	Turbid growth	Turbid growth	Fertility of Specified Target Organism(s) (Liquid Media)
Escherichia coli ATCC®8739	69	Turbid growth	Turbid growth	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. 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. Values are not reported on the Certificate of Analysis but details can be provided on request.



M. E. McCallum

Moira McCallum
Quality Manager, G & M Procter Ltd.

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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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Bacillus subtilis ATCC®6633	15	Flocculent / surface growth	Flocculent / surface growth	Fertility of Specified Target Organism(s) (Liquid Media)
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Target Organism	Control(cfu)	Test	Specification	Accredited Method Reference
Candida albicans ATCC®10231	69	Flocculent / surface growth	Flocculent / surface growth	Fertility of Specified Target Organism(s) (Liquid Media)
Salmonella typhimurium ATCC®14028	78	Turbid growth	Turbid growth	Fertility of Specified Target Organism(s) (Liquid Media)
32°C Bacillus subtilis ATCC®6633	21	Turbid growth	Turbid growth	Fertility of Specified Target Organism(s) (Liquid Media)
Aspergillus brasiliensis ATCC®16404	29	White mycelia, no spores	White mycelia with/without black spores	Fertility of Specified Target Organism(s) (Liquid Media)

EXTRA INFORMATION

The product was tested in accordance with the current versions of the European Pharmacopoeia, the British Pharmacopoeia, the US Pharmacopoeia and the Japanese Pharmacopoeia. Clearly visible growth was observed within 3 days for bacteria and within 5 days for fungi

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Moira McCallum
Quality Manager, G & M Procter Ltd.



CERTIFICATE OF ANALYSIS

Delivery/Customer information

Date Printed

2013.11.11

Delivery No.

Customer

Customer Order number

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.

MOIRA MCCALLUM
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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