



G & M Procter Ltd. Certificate of Analysis

PRODUCT **BO1070S**
BOLTON BROTH
10X225ML IN 250ML PET

LOT NUMBER 1153843
EXPIRY DATE 2011.02.28
PRODUCTION DATE 2010.12.02
TEST DATE 2010.12.02
REPORTING DATE 2010.12.13

Physical Characteristics	Results	Specification	Accredited Method Reference
Appearance	dark red	dark red or brown	Appearance and colour
pH (25°C)	7.5	7.2 - 7.6	pH
Fill Volume/Weight	226.1g	225.0 - 229.0g	Fill volume weight check
Sterility @ 22°C & 32°C ± 2°C for 5 days	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.

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

Target Organism	Control(cfu)	Test	Specification	Accredited Method Reference
Campylobacter jejuni ATCC29428	32	Grey cols	Grey cols	Fertility and Inhibition of Specified Organisms

Inhibited Organism	Control(cfu)	Test	Specification	Accredited Method Reference
Escherichia coli ATCC®25922	100000	No growth	No growth	Fertility and Inhibition of Specified Organisms

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.



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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M. E. McCallum

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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