

Certificate of Analysis

Product Code: FBH001 / FBH002 / FBH005
Product: Half Fraser Broth
LOT / Batch: 145614
Date of Manufacture: 27 September 2016
Expiry Date: 01 September 2018

Physical Characteristics:

Dehydrated Medium: Free Flowing Fine Homogeneous / Buff
Reconstituted Medium: Straw
Precipitation: None
Gel Strength (g/cm²): N/A
pH at 25°C: 7.1 Specification 7.2 +/- 0.2

Microbiological Performance:

| | Specification | Results |
|-----------------------------------|--------------------------|-------------------------|
| Listeria monocytogenes NCTC 7973 | Recovered from 10-100cfu | Conforms |
| Listeria monocytogenes NCTC 10527 | Recovered from 10-100cfu | Conforms |
| Listeria ivanovii NCTC 11846 | Satisfactory growth | Satisfactory growth |
| Listeria innocua NCTC 11288 | Satisfactory growth | Satisfactory growth |
| Listeria seeligeri NCTC 11856 | Satisfactory growth | Satisfactory growth |
| Escherichia coli ATCC 25922 | Inhibited | Inhibited |
| Escherichia coli ATCC 8739 | Inhibited | Inhibited |
| Enterococcus faecalis ATCC 29212 | Satisfactory inhibition | Satisfactory inhibition |
| Enterococcus faecalis NCTC 775 | Satisfactory inhibition | Satisfactory inhibition |

Incorporating SUP004. Product tested in compliance to ISO 11133:2014

Product is prepared for testing according to documented instructions. Cultures used for challenge testing are from approved culture collections and procedures used are industry accepted methodologies.

The information given above is believed to be correct, however, performance is only warranted when the medium is prepared and used as described in the instructions accompanying the goods either in or on the packaging.

Gillian Bradley - Quality Manager

Date: 06 October 2016



Cert No 11117
ISO 9001

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