

# Certificate of Analysis

**Product Code:** FBH001 / FBH002 / FBH005  
**Product:** Half Fraser Broth  
**LOT / Batch:** 146150  
**Date of Manufacture:** 07 November 2016  
**Expiry Date:** 01 November 2018

## Physical Characteristics:

**Dehydrated Medium:** Free Flowing Fine Homogeneous / Buff  
**Reconstituted Medium:** Straw  
**Precipitation:** None  
**Gel Strength (g/cm<sup>2</sup>):** 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: 11 November 2016**

### **Solus Scientific Solutions Ltd**

9 Mansfield Networkcentre, Millennium Business Park, Concorde Way, Mansfield, Nottinghamshire NG19 7JZ

**Tel** +44 (0)1623 429701 **Fax** +44 (0)1623 620977 **Email** enquiries@solusscientific.com

**Web** www.solusscientific.com

**Registered Address:** East Kilbride Laboratory, Torus Building, Rankine Avenue, East Kilbride, Glasgow, Lanarkshire G75 0QF Company Reg. No. SC361616, Registered in Scotland VAT No 982 2304 24