

**CERTIFICATE OF ANALYSIS**

PRODUCT CM0895B
FRASER BROTH 500g

LOT NUMBER 1271995

EXPIRY DATE 2017.11.30

DATE OF MANUFACTURE 2012.11.06

Delivery/Customer information

Date Printed
2013.11.08
Delivery No.

Customer
Customer Order number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 3	Straw 2-3
pH (25°C)	7.1	7.0 - 7.4
Clarity	Clear	Clear

Microbiological Performance	Initial cfu/ml	Final cfu/ml	Log(10) Increase
-----------------------------	----------------	--------------	------------------

Tested with the addition of Fraser Supplement SR0156**Aerobic incubation at 37°C for 24 ± 2 hours**

<i>Listeria monocytogenes</i> ATCC®7644	2.7E+00	1.6E+06	6
<i>Listeria monocytogenes</i> ATCC®13932	1.3E+00	5.7E+05	5

Aerobic incubation at 37°C for 48 hours

	Initial cfu/ml	Test Result
<i>Bacillus cereus</i> ATCC®10876	2.0E+03	No aesculin hydrolysis (no blackening)
<i>Enterococcus faecalis</i> ATCC®29212	1.9E+02	No aesculin hydrolysis (no blackening)
<i>Enterococcus faecalis</i> ATCC®19433	1.3E+02	No aesculin hydrolysis (no blackening)
<i>Escherichia coli</i> ATCC®25922	1E+04-1E+06	No aesculin hydrolysis (no blackening)
<i>Escherichia coli</i> ATCC®8739	1E+04-1E+06	No aesculin hydrolysis (no blackening)

Control Media: *Listeria* Oxford Medium or Columbia Blood Agar Base enriched with 5% v/v horse blood, where appropriate

A satisfactory result is represented by recovery of positive strains equal to or greater than a 3 log(10) increase from an inoculum of 1-10 colony-forming units/ml (cfu/ml). Positive strains shall produce aesculin hydrolysis after 48 hours. Negative strains shall produce no aesculin hydrolysis after 48 hours.

All ISO/CEN 11133-2 control strains are included in the test panel.

Refer to product specification for full details.



OXOID LIMITED
Wade Road, Basingstoke, Hampshire RG24 8PW. England
oxid@thermofisher.com www.oxid.com



CERTIFICATE OF ANALYSIS

PRODUCT CM0895B
FRASER BROTH 500g
LOT NUMBER 1271995

The information given is believed to be correct. However, both the information and the product are offered without warranty for any application other than that specified in the current Oxoid Manual. The results reported were obtained at the time of release.

Lot Accepted.

.....
Carol MacBride
PRODUCT PERFORMANCE MANAGER

ATCC is a registered trade mark of the American Type Culture Collection.
NCTC and National Collection of Type Cultures are registered trade marks of the Health Protection Agency.



OXOID LIMITED
Wade Road, Basingstoke, Hampshire RG24 8PW. England
oxid@thermofisher.com www.oxid.com