

**CERTIFICATE OF ANALYSIS**

PRODUCT CM0699B
SELENITE CYSTINE BROTH BASE 500g

LOT NUMBER 787720

EXPIRY DATE 2014.06.30

DATE OF MANUFACTURE 2009.06.15

Delivery/Customer information

Date Printed
2013.11.11

Delivery No.

Customer
Customer Order number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 1	Straw 1
pH (25°C)	7.1	6.8 - 7.2
Clarity	Clear	Clear

Microbiological Performance	Initial cfu/ml	Final cfu/ml	Log(10) Increase
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Tested with the addition of 0.4% w/v Sodium Biselenite LP0121

Aerobic incubation for 37°C for 18 hours

Mixed cultures challenged with 1E+02 to 1E+04 cfu/ml *Escherichia coli* ATCC®8739 and *Pseudomonas aeruginosa* ATCC®27853

<i>Salmonella enteritidis</i> ATCC®13076	9.0E+00	9.0E+07	7
<i>Salmonella typhimurium</i> ATCC®14028	9.0E+00	8.4E+07	7
<i>Salmonella virchow</i> NCTC5742	1.0E+01	1.2E+08	7
<i>Salmonella nottingham</i> NCTC7832	6.0E+00	1.4E+08	7
<i>Salmonella abony</i> NCTC6017	5.0E+00	1.2E+08	7

Pure cultures

	Initial cfu/ml	Final cfu/ml	Log(10) Reduction
<i>Escherichia coli</i> ATCC®25922	1.9E+03	0.0E+00	3
<i>Escherichia coli</i> ATCC®8739	3.0E+03	0.0E+00	3
<i>Escherichia coli</i> ATCC®11775	7.9E+03	0.0E+00	4
<i>Pseudomonas aeruginosa</i> ATCC®9027	2.9E+03	3.7E+01	2
<i>Staphylococcus aureus</i> ATCC®6538	4.5E+03	0.0E+00	4
<i>Enterococcus faecalis</i> ATCC®29212	4.5E+03	1.7E+01	2
<i>Enterococcus faecalis</i> ATCC®19433	3.7E+03	1.3E+01	2

Control Media: Tryptone Soya Agar and XLD Medium

A satisfactory result is represented by recovery of positive strains equal to or greater than a 2 log(10) increase from an inoculum of 1-10 colony-forming units/ml (cfu/ml). Negative strains are inhibited or shall produce at least a 2 log(10) reduction from an inoculum of 1E+03 to 1E+05 cfu/ml.

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

Refer to product specification for full details.



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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.

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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.



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