

**CERTIFICATE OF ANALYSIS**

PRODUCT CM0469B
X.L.D. MEDIUM 500g

LOT NUMBER 1951462

EXPIRY DATE 2019.11.30

DATE OF MANUFACTURE 2016.10.26

Delivery/Customer information

Date Printed
2016.11.09

Delivery No.

Customer
Customer Order number

Physical Characteristics	Results	Specification
Appearance	Straw/pink powder	Straw/pink powder
Colour on reconstitution	Red	Red
pH (25°C)	7.4	7.2 - 7.6
Clarity	Clear	Clear

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
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Aerobic incubation at 37°C for 24 hours**Mixed cultures challenged with 1E+03 to 1E+04 cfu *Escherichia coli* ATCC®8739**

<i>Salmonella abony</i> NCTC6017	38	30	79	Red cols, black centre
<i>Salmonella enteritidis</i> ATCC®13076	24	31	129	Red cols, black centre
<i>Salmonella typhimurium</i> ATCC®14028	30	33	110	Red cols, black centre
<i>Salmonella virchow</i> NCTC5742	36	33	92	Red cols, black centre
<i>Salmonella arizonae</i> ATCC®13314	57	40	70	Red cols, black centre
<i>Salmonella nottingham</i> NCTC7832	37	35	95	Red cols, black centre
<i>Shigella sonnei</i> ATCC®25931	85	67	79	Irregular/smooth, red cols
<i>Shigella flexneri</i> ATCC®12022	52	48	92	Irregular, red cols

Pure cultures

<i>Pseudomonas aeruginosa</i> ATCC®9027	59	45	76	Red cols
<i>Proteus mirabilis</i> ATCC®12453	50	26	52	Orange/red cols black centre, no swarm
<i>Proteus mirabilis</i> ATCC®29906	30	37	123	Orange/red cols black centre, no swarm
<i>Serratia marcescens</i> ATCC®8100	50	40	80	Orange/yellow cols
<i>Citrobacter freundii</i> ATCC®8090	41	48	117	Yellow cols
<i>Klebsiella pneumoniae</i> ATCC®29665	31	26	84	Yellow, mucoid cols
<i>Enterococcus faecalis</i> ATCC®29212	>1E+04	0	-	No growth
<i>Enterococcus faecalis</i> ATCC®19433	>1E+04	0	-	No growth
<i>Staphylococcus aureus</i> ATCC®6538	>1E+04	0	-	No growth

	Control cfu	Test cfu	Log(10) Reduction	
<i>Escherichia coli</i> ATCC®8739	4.2E+04	1.1E+01	3	Yellow cols
<i>Escherichia coli</i> ATCC®25922	2.0E+04	0.0E+00	4	No growth



Tested by the Product Performance Laboratory
OXOID LIMITED

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FDA Reg No. 8010096



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Inoculation using diminishing sweep technique

Escherichia coli ATCC®11775 >1E+04 - - Yellow cols

Control Medium: Tryptone Soya Agar

For mixed cultures, a satisfactory result is represented by recovery of Salmonellae and Shigellae strains equal to or greater than 70% of the control medium from an inoculum of 10-100 colony-forming units (cfu).

For *Pseudomonas aeruginosa* ATCC®9027 a satisfactory result is represented by recovery equal to or less than 90% of the control medium from an inoculum of 10-100 cfu.

Other pure cultures are inhibited or shall produce colonies with a negative diagnostic reaction from an inoculum of 10-100 cfu.

Inhibited strains shall produce no growth or at least a 1 log(10) reduction when compared to the control medium from an inoculum of 1E+04 to 1E+06 cfu.

Escherichia coli ATCC®11775 is inhibited or shall produce colonies with a negative diagnostic reaction from an inoculum of 1E+04 to 1E+06 cfu.

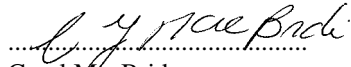
All ISO/CEN 11133-2 control strains are included in the test panel.

Refer to product specification for full details.

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. This certificate shall not be reproduced except in full, without written approval of the Product Performance Laboratory, Oxoid Limited, Basingstoke.

The results reported were obtained at the time of release.

Lot Accepted. 2016.11.03



 Carol MacBride
 Product Performance Manager

ATCC is a registered trade mark of the American Type Culture Collection.

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