

**CERTIFICATE OF ANALYSIS**

**PRODUCT** CM0469R  
X.L.D. MEDIUM 2.5kg

**LOT NUMBER** 2978655

**EXPIRY DATE** 2023.05.31

**DATE OF MANUFACTURE** 2020.05.12

## Delivery/Customer information

Date Printed  
2020.05.22

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)	7.3	7.2 - 7.6
Clarity	Clear	Clear

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
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**Aerobic incubation at 37 ± 2°C for 24 ± 3 hours**

**Mixed cultures**

**Challenged with 1E+03 to 1E+04 colony-forming units (cfu) *Escherichia coli* ATCC®8739**

**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 cfu.**

<i>Salmonella abony</i> NCTC6017	50	38	76	Red cols, black centre
<i>Salmonella enteritidis</i> ATCC®13076	29	29	100	Red cols, black centre
<i>Salmonella typhimurium</i> ATCC®14028	30	26	87	Red cols, black centre
<i>Salmonella virchow</i> NCTC5742	43	39	91	Red cols, black centre
<i>Salmonella arizonae</i> ATCC®13314	56	50	89	Red cols, black centre
<i>Salmonella nottingham</i> NCTC7832	35	32	91	Red cols, black centre
<i>Shigella sonnei</i> ATCC®25931	35	32	91	Irregular/smooth, red cols
<i>Shigella flexneri</i> ATCC®12022	19	19	100	Irregular, red cols

**Pure cultures**

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

<i>Pseudomonas aeruginosa</i> ATCC®9027	31	13	42	Red cols
<i>Proteus mirabilis</i> ATCC®12453	30	38	127	Orange/red cols black centreno swarm
<i>Proteus mirabilis</i> ATCC®29906	32	31	97	Orange/red cols, no swarm
<i>Serratia marcescens</i> ATCC®8100	54	24	44	Orange/yellow cols
<i>Citrobacter freundii</i> ATCC®8090	40	46	115	Yellow cols
<i>Klebsiella pneumoniae</i> ATCC®29665	27	34	126	Yellow, mucoid cols
<i>Staphylococcus aureus</i> ATCC®6538	>1E+04	0	-	No growth



Tested by the Quality Control Laboratory  
OXOID LIMITED

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

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**Inoculation using diminishing sweep technique**

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

**Testing has been performed in accordance with ISO11133:2014****Aerobic incubation at 37 ± 2°C for 24 ± 3 hours**

**A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.**

<i>S. typhimurium</i> ATCC®14028 WDCM00031	68	56	82	Red cols, black centre
<i>S. enteritidis</i> ATCC®13076 WDCM00030	62	56	90	Red cols, black centre
<i>E. faecalis</i> ATCC®29212 WDCM00087	>1E+04	0	-	No growth
<i>E. faecalis</i> ATCC®19433 WDCM00009	>1E+04	0	-	No growth
	<b>Control</b>	<b>Test</b>	<b>Log(10) Reduction</b>	
	<b>cfu</b>	<b>cfu</b>		
<i>E. coli</i> ATCC®8739 WDCM00012	4.2E+04	3.0E+00	4	Yellow cols
<i>E. coli</i> ATCC®25922 WDCM00013	3.5E+04	1.0E+00	4	Yellow cols

**Tested in accordance with current CLSI M22 A****Aerobic incubation at 35°C for 18-24 hours**

<i>Shigella flexneri</i> ATCC®12022	19	18	95	Irregular, red cols
<i>Salmonella typhimurium</i> ATCC®14028	68	56	82	Red cols, black centre
<i>Enterococcus faecalis</i> ATCC®29212	>1E+04	0	-	No growth
	<b>Control</b>	<b>Test</b>	<b>Log(10) Reduction</b>	
	<b>cfu</b>	<b>cfu</b>		
<i>Escherichia coli</i> ATCC®25922	3.5E+04	1.0E+00	4	Yellow cols

Control Medium: Tryptone Soya Agar

Refer to product specification for full details.



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Lot Accepted. 2020.05.15

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Carissa Courtney  
Director Quality, EMEA

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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