

CERTIFICATE OF ANALYSIS

PRODUCT CM0533B
S S AGAR (MODIFIED) 500g

LOT NUMBER 6151249

EXPIRY DATE 2029.08.31

DATE OF MANUFACTURE 2024.07.24

Delivery/Customer information

Date Printed

2024.09.20

Delivery No.

Customer

Customer Order Number

Physical Characteristics

Results

Specification

Appearance
Colour on reconstitution
pH (25°C)
Clarity

Pink/red powder
Pink/red
7.4
Clear

Pink/red powder
Pink/red
7.1 - 7.5
Clear

Microbiological Performance

Control
cfu

Test
cfu

Recovery Test
% Description

Aerobic incubation at 37°C for 18-24 hours

Mixed cultures challenged with 1E+03 to 1E+05 cfu *Escherichia coli* ATCC®8739

Inoculation using diminishing sweep technique

NOTE: Salmonella colonies may only be visible in the secondary or tertiary bed of the mixed culture streak.

<i>Salmonella enteritidis</i> ATCC®13076	1.1E+04	-	-	Straw cols with grey centre
<i>Salmonella typhimurium</i> ATCC®14028	1.4E+04	-	-	Straw cols with black centre
<i>Salmonella virchow</i> NCTC5742	2.1E+04	-	-	Straw cols with black centre
<i>Shigella sonnei</i> ATCC®25931	1.5E+04	-	-	Irregular, translucent pink cols
<i>Shigella boydii</i> NCTC11462	8.0E+03	-	-	Irregular, translucent pink cols
<i>Shigella flexneri</i> ATCC®12022	1.2E+04	-	-	Translucent pink cols

Pure cultures

<i>Salmonella typhimurium</i> ATCC®14028	70	49	70	Straw cols with black centre
<i>Shigella sonnei</i> ATCC®25931	56	52	92	Irregular, translucent pink cols
<i>Shigella dysenteriae</i> NCTC9721	81	45	56	Translucent pink cols
<i>Pseudomonas aeruginosa</i> ATCC®27853	39	36	92	Straw cols
<i>Proteus mirabilis</i> ATCC®12453	84	79	94	Straw cols, grey centre & no swarm
<i>Proteus mirabilis</i> ATCC®29906	67	48	72	Straw cols, grey centre & no swarm
<i>Escherichia coli</i> ATCC®11775	42	41	98	Pink cols
<i>Escherichia coli</i> ATCC®25922	30	4	13	Pink cols
<i>Enterococcus faecalis</i> ATCC®29212	>1E+04	0	-	No growth

Control Medium: Tryptone Soya Agar

For mixed cultures, a satisfactory result is represented by differential diagnostic reactions of Salmonellae and Shigellae strains and *Escherichia coli*.

For pure 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 cfu.

For *Shigella dysenteriae* NCTC9721, a satisfactory result is represented by recovery equal to or greater than 50% of the control medium

OXOID LIMITED

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from an inoculum of 10-100 cfu.

For other strains, a satisfactory result is represented by recovery equal to or less than 100% of the control medium from an inoculum of 10-100 cfu.

Negative strains are inhibited or shall produce a negative diagnostic reaction.

Refer to product specification for full details.

The accuracy of the information provided in this certificate of analysis / conformity is considered reliable. However, it is important to note that (i) the information is only applicable, and (ii) the product is only approved, for the product's intended use as specified on the label, specification, and website. No warranty is hereby implied. This certificate may only be reproduced in its entirety and cannot be replicated partially or in any altered form.

Lot Accepted. 2024.08.21

This certificate is produced electronically and valid without a signature.

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

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