

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: MacConkey Agar w/o CV w/ 0.15% Bile Salts	
Product Code: DM144	Expiry Date : 21/12/2020
Lot Number: 03141215	Release Date: 21/12/2015
Analytical Report Number: QAD/AR-15/12-212	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pink colored powder	Light yellow to pink colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Orange red colored medium	Orange red colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in petri plates	Clear to slightly opalescent gel formed in petri plates	Complies
pH (After sterilization)	6.90-7.30 at 25 °C	7.30	Complies
Gel strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Color of colony	Remarks
<i>Escherichia coli</i> ATCC 25922	35 - 37°C / 18 - 24 hrs	73	58	80%	Luxuriant	Pink to red with Bile precipitate	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	35 - 37°C / 18 - 24 hrs	82	61	74%	Luxuriant	Pink to red	Complies
<i>Enterococcus faecalis</i> ATCC 29212	35 - 37°C / 18 - 24 hrs	78	55	71%	Fair-good	Pale pink to red	Complies
<i>Proteus vulgaris</i> ATCC 13315	35 - 37°C / 18 - 24 hrs	65	40	62%	Luxuriant	Colorless	Complies
<i>Salmonella paratyphi A</i> ATCC 9150	35 - 37°C / 18 - 24 hrs	75	56	75%	Luxuriant	Colorless	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

38/39, Kalpataru Industrial Estate, Opp Lawkim, Off. Ghodbunder Rd.,
Near Runwal Estate, Thane (W) 400 607, Maharashtra, INDIA.
Ph: +91-22-2589 5505, 4760, 4681, 9320126789
Email: micromaster@micromasterlab.com

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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Color of colony	Remarks
<i>Shigella flexneri</i> ATCC 12022	35 - 37°C / 18 - 24 hrs	66	26	39%	Fair-good	Colorless	Complies
<i>Salmonella paratyphi B</i> ATCC 8759	35 - 37°C / 18 - 24 hrs	61	47	77%	Luxuriant	Colorless	Complies
<i>Salmonella enteritidis</i> ATCC 13076	35 - 37°C / 18 - 24 hrs	76	62	82%	Luxuriant	Colorless	Complies
<i>Salmonella typhi</i> ATCC 6539	35 - 37°C / 18 - 24 hrs	74	58	78%	Luxuriant	Colorless	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35 - 37°C / 18 - 24 hrs	$\geq 10^3$	0	0%	Inhibited	-	Complies
<i>Corynebacterium diphtheriae</i> type <i>gravis</i>	35 - 37°C / 18 - 24 hrs	$\geq 10^3$	0	0%	Inhibited	-	Complies
<i>Staphylococcus epidermidis</i> ATCC 12228	35 - 37°C / 18 - 24 hrs	$\geq 10^3$	0	0%	Inhibited	-	Complies

Final Results: COMPLIES

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
TESTED BY (Sneha Daragshetti) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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