

# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: MacConkey Agar w/o CV, NaCl w/ 0.5% Bile Salts	
Product Code: DM149	Expiry Date : 23/01/2021
Lot Number: 00700116	Release Date: 23/01/2016
Analytical Report Number: QAD/AR-16/01-152	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)	7.20-7.60 at 25°C	7.21	Complies
Gel strength	Firm as compared to 1.2% Agar gel	Firm as compared to 1.2% 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.	86	71	83%	Luxuriant	Pink to red with Bile precipitate	Complies
<i>Enterobacter</i> <i>aerogenes</i> ATCC 13048	35 - 37°C / 18 - 24 hrs.	73	50	69%	Luxuriant	Pink to red	Complies
<i>Enterococcus faecalis</i> ATCC 29212	35 - 37°C / 18 - 24 hrs.	74	25	34%	Fair to good	Pale pink to red	Complies
<i>Proteus vulgaris</i> ATCC 13315	35 - 37°C / 18 - 24 hrs.	79	56	71%	Luxuriant	Colorless	Complies
<i>Salmonella paratyphi A</i> ATCC 9150	35 - 37°C / 18 - 24 hrs.	71	49	69%	Luxuriant	Colorless	Complies
<i>Shigella flexneri</i> ATCC12022	35 - 37°C / 18 - 24 hrs.	65	21	32%	Fair to good	Colorless	Complies
<i>Salmonella paratyphi B</i> ATCC 8759	35 - 37°C / 18 - 24 hrs.	77	58	75%	Luxuriant	Colorless	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.  
Manufacture & Exporter

Culturing your needs in Microbiology...

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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>Salmonella enteritidis</i> ATCC 13076	35 - 37°C / 18 - 24 hrs.	80	65	81%	Luxuriant	Colorless	Complies
<i>Salmonella typhi</i> ATCC 6539	35 - 37°C / 18 - 24 hrs.	76	61	80%	Luxuriant	Colorless	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35 - 37°C / 18 - 24 hrs.	100	34	34%	Fair to good	Pale pink - red	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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