

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: MacConkey Agar w/ 0.15% Bile Salts, CV and NaCl	
Product Code: DM143	Expiry Date: 18/03/2021
Lot Number: 01900316	Release Date: 18/03/2016
Analytical Report Number: QAD/AR-16/03-505	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	Red with purplish tinge	Red with purplish tinge	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	6.96	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 8739	30-35°C / 18-72 hrs	70	52	74%	Luxuriant	Pink-red with Bile precipitate	Complies
<i>Escherichia coli</i> ATCC25922	30-35°C / 18-72 hrs	82	58	71%	Luxuriant	Pink-red with Bile precipitate	Complies
<i>Escherichia coli</i> NCTC 9002	30-35°C / 18-72 hrs	72	54	75%	Luxuriant	Pink-red with Bile precipitate	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	30-35°C / 18-72 hrs	72	55	76%	Luxuriant	Pink to red	Complies
<i>Enterococcus faecalis</i> ATCC 29212	30-35°C / 18-72 hrs	69	23	33%	Fair to good	Colorless to Pale pink	Complies
<i>Salmonella typhimurium</i> ATCC 14028	30-35°C / 18-72 hrs	55	40	73%	Luxuriant	Colorless	Complies

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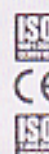
10/12/2014

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>Staphylococcus aureus</i> ATCC 6538	30-35°C / 18-72 hrs	$\geq 10^3$	0	0%	Inhibited	--	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30-35°C / 18-72 hrs	$\geq 10^3$	0	0%	Inhibited	--	Complies
<i>Salmonella enteritidis</i> ATCC 13076	30-35°C / 18-72 hrs	67	53	79%	Luxuriant	Colorless	Complies
<i>Salmonella paratyphi A</i> ATCC 9150	30-35°C / 18-72 hrs	72	56	78%	Luxuriant	Colorless	Complies
<i>Salmonella paratyphi B</i> ATCC 8759	30-35°C / 18-72 hrs	68	52	76%	Luxuriant	Colorless	Complies
<i>Salmonella typhi</i> ATCC 6539	30-35°C / 18-72 hrs	72	57	79%	Luxuriant	Colorless	Complies
<i>Salmonella abony</i> NCTC 6017	30-35°C / 18-72 hrs	95	72	76%	Luxuriant	Colorless	Complies
<i>Proteus vulgaris</i> ATCC 13315	30-35°C / 18-72 hrs	66	49	74%	Luxuriant	Colorless	Complies
<i>Shigella flexneri</i> ATCC 12022	30-35°C / 18-72 hrs	60	26	43%	Fair to good	Colorless	Complies
<i>Staphylococcus epidermidis</i> ATCC 12228	30-35°C / 18-72 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 (Soniya Sebastian) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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