

# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: MacConkey Broth Purple w/BCP	
Product Code: DM152	Expiry Date : 19/02/2021
Lot Number: 01220216	Release Date: 19/02/2016
Analytical Report Number: QAD/AR-16/02-332	Page No: 1 of 2

## DEHYDRATED MEDIUM

TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow colored powder	Cream to yellow colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies

## PREPARED MEDIUM

TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Purple colored medium	Purple colored medium	Complies
Clarity of medium (After sterilization)	clear to slightly opalescent solution in tubes	clear to slightly opalescent solution in tubes	Complies
pH (After sterilization)	7.20-7.60	7.20	Complies
Gel strength	Not Applicable	Not Applicable	Complies

### CULTURAL PARAMETERS:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Acid production	Gas production	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C 18-24hrs	78	Luxuriant	positive reaction, yellow color	positive reaction	Complies
<i>Escherichia coli</i> ATCC25922	35-37°C 18-24hrs	92	Luxuriant	positive reaction, yellow color	positive reaction	Complies
<i>Salmonella Choleraesuis</i> ATCC 12011	35-37°C 18-24hrs	65	Fair-good	negative reaction	negative reaction	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C 18-24hrs	>=10 <sup>8</sup>	Inhibited	--	--	Complies
<i>Escherichia coli</i> ATCC 8739	35-37°C 18-24hrs	90	Luxuriant	positive reaction, yellow color	positive reaction	Complies
<i>Escherichia coli</i> NCTC 9002	35-37°C 18-24hrs	67	Luxuriant	positive reaction, yellow color	positive reaction	Complies
<i>Staphylococcus aureus</i> ATCC 6538	35-37°C 18-24hrs	>=10 <sup>8</sup>	Inhibited	--	---	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.  
Manufacture & Exporter

Culturing your needs in Microbiology.

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## Final Results: **COMPLIES**

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

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

End Of The Report

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