



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: MacConkey Broth Purple w/BCP	
Product Code: DM152	Expiry Date : 23/02/2023
Lot Number: 01120218	Release Date: 26/02/2018
Analytical Report Number: QAD/AR-18/02-173	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow	Cream to yellow	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Purple colored	Purple colored	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 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	85	luxuriant	positive reaction, yellow colour	positive reaction	Complies
<i>Escherichia coli</i> ATCC25922	35-37°C 18-24hrs	85	luxuriant	positive reaction, yellow colour	positive reaction	Complies
<i>Salmonella Choleraesuis</i> ATCC 12011	35-37°C 18-24hrs	78	fair-good	negative reaction	negative reaction	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C 18-24hrs	$\geq 10^3$	inhibited	-	-	Complies



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

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Acid production	Gas production	Remarks
<i>Escherichia coli</i> ATCC 8739	35-37°C 18-24hrs	70	luxuriant	positive reaction, yellow colour	positive reaction	Complies
<i>Escherichia coli</i> NCTC 9002	35-37°C 18-24hrs	78	luxuriant	positive reaction, yellow colour	positive reaction	Complies
<i>Staphylococcus aureus</i> ATCC 6538	35-37°C 18-24hrs	$\geq 10^3$	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 (Madhura Kadam) MICROBIOLOGIST	CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report