



# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: MacConkey Broth (Double Strength) w/ Neutral Red	
Product Code: DM151	Expiry Date : 06/12/2021
Lot Number: 08941216	Release Date: 06/12/2016
Analytical Report Number: QAD/AR-16/12-1591A	Page No: 1 of 1

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pink	Cream to yellow	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies

PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Red coloured	Purple coloured	Complies
Clarity of medium (After sterilization)	Clear solution without any precipitate	Clear solution without any precipitate	Complies
pH (After sterilization)	7.20-7.60 at 25 ° C	7.32	Complies
Gel strength	Not Applicable	Not Applicable	Complies

### CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Acid production	Gas production	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C / 18-24 hrs.	80	Luxuriant	Positive Reaction	Positive Reaction	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18-24 hrs.	87	Luxuriant	Positive Reaction	Positive Reaction	Complies
<i>Salmonella Choleraesuis</i> ATCC 12011	35-37°C / 18-24 hrs.	83	Fair-good	Negative reaction	Negative reaction	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C / 18-24 hrs.	67	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 (Divya Sasidharan) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End of the Report

Rev. 2

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