



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: MacConkey Broth	
Product Code: DM150H	Expiry Date :15/05/2022
Lot Number: 02230417	Release Date: 15/04/2017
Analytical Report Number: QAD/AR-17/04-413	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow with green tinge powder	Cream to yellow with green tinge 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	clear to slightly opalescent solution	Complies
pH (After sterilization)	7.10-7.50 at 25 ⁰ C	7.18	Complies
Gel strength	Not Applicable	Not Applicable	Not Applicable

CULTURAL PARAMETERS:

Organisms	Inoculum (CFU)	Growth	Acid	Gas	Incubation temperature	Incubation period
Growth promoting						
<i>Escherichia coli</i> ATCC 8739	79	Good Luxuriant	Positive reaction, yellow colour	Positive reaction	42 -44 °C	<=24 hrs
Inhibitory						
<i>Staphylococcus aureus</i> ATCC 6538	>=10 ⁸	Inhibited	-	-	42 -44 °C	>=48 hrs

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd

Manufacturer & Exporter

Unit No.38/39, Kalpataru Industrial Estate, Near Runwal Estate, Behind R Mall, Ghodbunder Road, Thane (W) - 400607, Maharashtra, India

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CULTURAL PARAMETERS:

Additional Microbiological testing						
Organisms	Inoculum (CFU)	Growth	Acid	Gas	Incubation temperature	Incubation period
<i>Escherichia coli</i> ATCC 25922	80	Good Luxuriant	Positive reaction, yellow color	Positive reaction	30 -35 °C	18 -24 hrs
<i>Escherichia coli</i> NCTC 9002	82	Good Luxuriant	Positive reaction, yellow color	Positive reaction	30 -35 °C	18 -24 hrs
<i>Enterobacter aerogenes</i> ATCC 13048	73	Good Luxuriant	Positive reaction, yellow color	Positive reaction	30 -35 °C	18 -24 hrs
<i>Salmonella Choleraesuis</i> ATCC 12011	78	Fair-good	Negative reaction	Negative reaction	30 -35 °C	18 -24 hrs
<i>Staphylococcus aureus</i> ATCC 25923	$\geq 10^5$	Inhibited	-	-	30 -35 °C	≥ 48 hrs

Final Results: COMPLIES

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

		
TESTED BY (Daniya Kazi) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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