

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: MacConkey Broth	
Product Code: DM150H	Expiry Date : 05/05/2021
Lot Number: 02610316	Release Date: 05/05/2016
Analytical Report Number: QAD/AR-16/05-694	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 ^o C	7.10	Complies
Gel strength	Not Applicable	Not Applicable	Complies

CULTURAL PARAMETERS:

Organisms	Inoculum (CFU)	Growth	Acid	Gas	Incubation temperature	Incubation period
Growth promoting						
<i>Escherichia coli</i> ATCC 8739	70	Luxuriant	Positive reaction, yellow colour	Positive reaction	42 -44 °C	<=24 hrs
Inhibitory						
<i>Staphylococcus aureus</i> ATCC 6538	>=10 ³	Inhibited	-	-	42 -44 °C	>=48 hrs

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

38/39, Kalpataru Industrial Estate, Opp Lawkim, Off. Ghodbunder Rd.,
Near Runwal Estate, Thane (W) 400 607, Maharashtra, INDIA.
Ph: +91-22-2589 5505, 4760, 4681, 9320126780
Email: micromaster@micromasterlab.com



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Additional Microbiological testing						
<i>Escherichia coli</i> ATCC 25922	61	Luxuriant	Positive reaction, yellow color	Positive reaction	30 -35 °C	18 -24 hrs
<i>Escherichia coli</i> NCTC 9002	72	Luxuriant	Positive reaction, yellow color	Positive reaction	30 -35 °C	18 -24 hrs
<i>Enterobacter aerogenes</i> ATCC 13048	64	Luxuriant	Positive reaction, yellow color	Positive reaction	30 -35 °C	18 -24 hrs
<i>Salmonella Choleraesuis</i> ATCC 12011	68	Fair-good	Negative reaction	Negative reaction	30 -35 °C	18 -24 hrs
<i>Staphylococcus aureus</i> ATCC 25923	$\geq 10^7$	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 (Soniya Sebastian) MICROBIOLOGIST	CHECKED BY (Vijayalaxmi Pujari) HEAD MICROBIOLOGY	APPROVED BY (Swati More) HEAD QUALITY ASSURANCE

End Of The Report

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