

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Mannitol Motility Test Medium	
Product Code: DM1874	Expiry Date : 04/02/2021
Lot Number: 00830116	Release Date: 04/02/2016
Analytical Report Number: QAD/AR-16/02-234	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pink color powder	Light yellow to pink color powder	Complies
Consistency	Homogeneous free flowing powder	Homogeneous free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Red colored medium	Red colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in tube as butts	Clear to slightly opalescent gel forms in tube as butts	Complies
pH (After sterilization)	7.40-7.80 at 25°C	7.55	Complies
Gel strength	Firm, comparable with 0.3% Agar gel	Firm, comparable with 0.3% Agar gel	Complies

CULTURAL PARAMETERS: Cultural characteristics observed after an incubation at 35-37°C for 18-48 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Mannitol fermentation	Motility	Remarks
<i>Escherichia coli</i> ATCC 35218	35-37°C\ 18-48 hrs	68	Good-luxuriant	Positive reaction, yellow color	Positive, growth away from stabline causing turbidity	Complies
<i>Proteus mirabilis</i> ATCC 25933	35-37°C\ 18-48 hrs	83	Good-luxuriant	Negative reaction, no color change or red	Positive, growth away from stabline causing turbidity	Complies
<i>Proteus vulgaris</i> ATCC 13315	35-37°C\ 18-48 hrs	84	Good-luxuriant	Negative reaction, no color change or red	Positive, growth away from stabline causing turbidity	Complies
<i>Salmonella Typhi</i> ATCC 6539	35-37°C\ 18-48 hrs	77	Good-luxuriant	Positive reaction, yellow color	Positive, growth away from stabline causing turbidity	Complies
<i>Shigella sonnei</i> ATCC 25931	35-37°C\ 18-48 hrs	63	Good-luxuriant	Positive reaction, yellow color	Negative, growth along the stabline, surrounding medium remains clear	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology

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Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Mannitol fermentation	Motility	Remarks
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C/ 18-48 hrs	93	Good-luxuriant	Positive reaction, yellow color	Negative, growth along the stabline, surrounding medium remains clear	Complies
<i>Staphylococcus epidermidis</i> ATCC 12228	35-37°C/ 18-48 hrs	72	Good-luxuriant	Negative reaction, no color change or red	Negative, growth along the stabline, surrounding medium remains clear	Complies

Final Results: COMPLIES

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

TESTED BY (Vijayalaxmi Pujari) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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