

# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Motility-Indole-Lysine Medium (MIL Medium)	
Product Code: DM567	Expiry Date : 17/03/2021
Lot Number: 02130316	Release Date: 17/03/2016
Analytical Report Number: QAD/AR-16/03-498	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to greenish yellow colored powder	Cream to greenish yellow colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Reddish purple colored medium	Reddish purple colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in tubes as butts	Clear to slightly opalescent gel forms in tubes as butts	Complies
pH (After sterilization)	6.40-6.80	6.75	Complies
Gel strength	Semisolid as compared to 0.2% Agar gel.	Semisolid as compared to 0.2% Agar gel.	Complies

## CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Motility	Indole production	Lysine Deaminase	Lysine decarboxylase	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35 - 37°C/ 18 - 24hrs.	86	Positive, growth away from stabline	Negative Reaction	Negative	Positive reaction, purple colour	Complies
<i>Escherichia coli</i> ATCC 25922	35 - 37°C/ 18 - 24hrs.	87	Positive, growth away from stabline	positive, red ring at the interface of the medium on addition of Kovac's reagent	Negative	Positive reaction, purple colour	Complies
<i>Klebsiella pneumoniae</i> ATCC 13883	35 - 37°C/ 18 - 24hrs.	72	Negative, growth along the stabline	Occasional reaction	Negative	Positive reaction, purple colour	Complies
<i>Proteus mirabilis</i> ATCC 25933	35 - 37°C/ 18 - 24hrs.	88	Positive, growth away from stabline	Negative reaction	Positive reaction, red brown colour reaction at the top	Negative reaction	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.  
Manufacture & Exporter

Culturing your needs in Microbiology...

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# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



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## CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Motility	Indole production	Lysine Deaminase	Lysine decarboxylase	Remarks
<i>Proteus vulgaris</i> ATCC 13315	35 - 37°C/ 18 - 24hrs.	66	Positive, growth away from stabline	Positive, red ring at the interface of the medium on addition of Kovac's reagent	Positive reaction, red brown colour reaction at the top	Negative Reaction	Complies
<i>Salmonella</i> <i>Enteritidis</i> ATCC 13076	35 - 37°C/ 18 - 24hrs.	67	Positive, growth away from stabline	Negative Reaction	Negative	Positive Reaction, Purple color	Complies
<i>Shigella flexneri</i> ATCC 12022	35 - 37°C/ 18 - 24hrs.	60	Negative, growth along the stabline	Occasional Reaction	Negative	Negative reaction	Complies

## Final Results: COMPLIES

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

TESTED BY (Sneha Daragshetti) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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