



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Motility Test Medium	
Product Code: DM171	Expiry Date : 29/03/2023
Lot Number: 01760318	Release Date: 28/03/2018
Analytical Report Number: QAD/AR-18/03-262	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow	Cream to yellow	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light yellow colored	Light yellow colored	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in tubes as butts	Clear to slightly opalescent gel formed in tubes as butts	Complies
pH (After sterilization)	7.00-7.40 at 25 °C	7.29	Complies
Gel strength	Semisolid as compared to 0.5% agar gel	Semisolid as compared to 0.5% agar gel	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Motility	Remarks
<i>Escherichia coli</i> ATCC 25922	35-37 ⁰ C for 18-48 Hrs.	53	Luxuriant	Positive, growth away from stabline causing turbidity	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	35-37 ⁰ C for 18-48 Hrs	90	Luxuriant	Positive, growth away From stabline causing turbidity	Complies
<i>Klebsiella pneumoniae</i> ATCC 13883	35-37 ⁰ C for 18-48 Hrs	72	Luxuriant	Negative, growth along the stabline, surrounding medium Remains clear	Complies



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CULTURAL PARAMETERS:

<i>Salmonella Enteritidis</i> ATCC 13076	35-37 ⁰ C for 18-48 Hrs	75	Luxuriant	Positive, growth away from stabline causing turbidity	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37 ⁰ C for 18-48 Hrs	87	Luxuriant	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 (Madhura Kadam) MICROBIOLOGIST	CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report