



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Motility Nitrate Medium, Buffered</b>	
<b>Product Code: DM399</b>	<b>Expiry Date : 13/06/2023</b>
<b>Lot Number: 03540618</b>	<b>Release Date: 13/06/2018</b>
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DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow Colored powder	Cream to yellow Colored powder	Complies
Consistency	Homogeneous free flowing powder	Homogeneous free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light amber coloured	Light amber coloured	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel	Clear to slightly opalescent gel formed in tubes	Complies
pH (After sterilization)	7.30-7.70	7.38	Complies
Gel strength	Semisolid, comparable with 0.3% Agar gel	Not Applicable	Complies

### **CULTURAL PARAMETERS:** Cultural characteristics observed under an anaerobic condition

Sr No.	Organisms	Inoculum (CFU)	Growth	Motility	Nitrate reduction	Remarks
1.	<i>Clostridium absonum</i> ATCC 27555	75	luxuriant	weakly motile	weak or negative reaction	Complies
2.	<i>Clostridium perfringens</i> ATCC 12924	75	luxuriant	negative, growth along the stabline, surrounding medium remains clear	positive, red violet colour developed within 1-2 mins	Complies

### **Final Results: COMPLIES**

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

		
<b>TESTED BY</b> (Madhura Kadam) <b>MICROBIOLOGIST</b>	<b>CHECKED BY</b> (Aditi Modak) <b>HEAD MICROBIOLOGY</b>	<b>APPROVED BY</b> (Rupali Sabale) <b>HEAD QUALITY ASSURANCE</b>

End Of The Report