



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Nutrient Agar</b>	
<b>Product Code: DMV180</b>	<b>Expiry Date: 25/05/2023</b>
<b>Lot Number: 03070518</b>	<b>Release Date: 25/05/2018</b>
<b>Analytical Report Number: QAD/AR-18/05-479</b>	<b>Page No: 1 of 2</b>

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream - yellow powder	Cream - yellow powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light yellow solution	Light yellow solution	Complies
Clarity of medium (after sterilization)	Clear to slightly opalescent gel forms in petri plates	Clear to slightly opalescent gel formed in petri plates	Complies
pH (after sterilization)	7.20-7.60 at 25°C	7.30	Complies
Gel strength	Firm as compared to 1.5% agar gel	Firm as compared to 1.5% agar gel	Complies

### CULTURAL PARAMETERS:

Organisms	Incubation Time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Growth	Remarks
<i>Bacillus subtilis</i> ATCC 9372	35-37°C / 18 -48 hrs	58	45	77%	Good-Luxuriant	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18 -48 hrs	58	46	79%	Good-Luxuriant	Complies



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### CULTURAL PARAMETERS:

Organisms	Incubation Time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Growth	Remarks
<i>Salmonella typhi</i> ATCC 14028	35-37°C / 18 -48 hrs	78	60	76%	Good-Luxuriant	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C / 18 -48 hrs	87	62	71%	Good-Luxuriant	Complies
<i>Streptococcus pyogenes</i> ATCC 19615	35-37°C / 18 -48 hrs	72	53	73%	Good-Luxuriant	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) MICROBIOLOGIST	<b>CHECKED BY</b> (Aditi Modak) HEAD MICROBIOLOGY	<b>APPROVED BY</b> (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report