



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Microbial Content Test Agar</b>	
<b>Product Code: DM963</b>	<b>Expiry Date : 21/04/2022</b>
<b>Lot Number: 03040419</b>	<b>Release Date: 22/04/2019</b>
<b>Analytical Report Number: QAD/AR-19/04-301</b>	<b>Page No: 1 of 2</b>

<b>DEHYDRATED MEDIUM</b>			
<b>TEST CONDUCTED</b>	<b>SPECIFICATION</b>	<b>OBSERVATIONS</b>	<b>REMARKS</b>
Color	Part A: Cream to yellow Part B: Yellow colored solution	Part A: Cream to yellow Part B: Yellow colored solution	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
<b>PREPARED MEDIUM</b>			
<b>TEST CONDUCTED</b>	<b>SPECIFICATION</b>	<b>OBSERVATIONS</b>	<b>REMARKS</b>
Color of medium	Light yellow to amber colored medium	Light yellow to amber colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in Petri plates	Clear to slightly opalescent gel forms in Petri plates	Complies
pH (After sterilization)	7.10-7.50 at 25°C	7.25	Complies
Gel strength	Firm, comparable with 1.5% Agar gel	Firm, comparable with 1.5% Agar gel	Complies

### **CULTURAL PARAMETERS:**

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.

<b>Organisms</b>	<b>Incubation time/ temp</b>	<b>No. of organisms inoculated</b>	<b>No. of organisms recovered</b>	<b>Percentage Recovery</b>	<b>Growth</b>	<b>Remarks</b>
<i>Bacillus subtilis</i> ATCC 6633	30 -35 °C\ 18 -24 hrs	80	62	77%	Good-luxuriant	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30 -35 °C\ 18 -24 hrs	88	65	73%	Good-luxuriant	Complies
<i>Escherichia coli</i> ATCC 8739	30 -35 °C\ 18 -24 hrs	85	60	70%	Good-luxuriant	Complies

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<i>Pseudomonas aeruginosa</i> ATCC 9027	30 -35 °C\ 18 -24 hrs	82	65	79%	Good-luxuriant	Complies
<i>Salmonella abony</i> NCTC 6017	30 -35 °C\ 18 -24 hrs	75	60	70%	Good-luxuriant	Complies
<i>Candida albicans</i> ATCC 10231	20 -25 °C\ 48-72 hrs	80	71	80%	Good-luxuriant	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20 -25 °C\ <=5 d	82	70	85%	Good-luxuriant	Complies
<i>Candida albicans</i> ATCC 10231	30 -35 °C\ <=5 d	80	69	86%	Good-luxuriant	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	30 -35 °C\ <=5 d	82	65	79%	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 (Pooja Sutar) MICROBIOLOGIST</b>	<b>CHECKED BY (Madhavi Sawant) HEAD MICROBIOLOGY</b>	<b>APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE</b>

End Of The Report

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