



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Microbial Content Test Agar</b>	
<b>Product Code: DM963</b>	<b>Expiry Date : 16/08/2021</b>
<b>Lot Number: 04650818</b>	<b>Release Date: 20/08/2018</b>
<b>Analytical Report Number: QAD/AR-18/08-785</b>	<b>Page No: 1 of 3</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	7.39	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>Growth</b>	<b>Observed Lot value (CFU)</b>	<b>Recovery</b>	<b>Remarks</b>
<i>Bacillus subtilis</i> ATCC 6633	30 -35 °C\ 18 -24 hrs	95	Good-luxuriant	87	91%	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30 -35 °C\ 18 -24 hrs	87	Good-luxuriant	74	85%	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30 -35 °C\ 18 -24 hrs	68	Good-luxuriant	45	66%	Complies
<i>Escherichia coli</i> ATCC 25922	30 -35 °C\ 18 -24 hrs	91	Good-luxuriant	56	61%	Complies
<i>Escherichia coli</i> ATCC 8739	30 -35 °C\ 18 -24 hrs	57	Good-luxuriant	45	78%	Complies
<i>Escherichia coli</i> NCTC 9002	30 -35 °C\ 18 -24 hrs	75	Good-luxuriant	58	77%	Complies



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Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Observed Lot value (CFU)	Recovery	Remarks
<i>Pseudomonas aeruginosa</i> ATCC 27853	30 -35 °C\ 18 -24 hrs	89	Good-luxuriant	60	67%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30 -35 °C\ 18 -24 hrs	90	Good-luxuriant	74	82%	Complies
<i>Salmonella abony</i> NCTC 6017	30 -35 °C\ 18 -24 hrs	90	Good-luxuriant	69	76%	Complies
<i>Micrococcus luteus</i> ATCC 9341	30 -35 °C\ 18 -24 hrs	70	Good-luxuriant	55	78%	Complies
<i>Streptococcus pneumoniae</i> ATCC 6305	30 -35 °C\ 18 -24 hrs	75	Good-luxuriant	45	60%	Complies
<i>Salmonella typhimurium</i> ATCC 14028	30 -35 °C\ 18 -24 hrs	82	Good-luxuriant	61	74%	Complies
<i>Candida albicans</i> ATCC 10231	20 -25 °C\ <=5 d	91	Good-luxuriant	65	71%	Complies
<i>Candida albicans</i> ATCC 2091	20 -25 °C\ <=5 d	75	Good-luxuriant	48	64%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20 -25 °C\ <=5 d	86	Good-luxuriant	61	70%	Complies
<i>Candida albicans</i> ATCC 10231	30 -35 °C\ <=5 d	91	Good-luxuriant	74	81%	Complies
<i>Candida albicans</i> ATCC 2091	30 -35 °C\ <=5 d	75	Good-luxuriant	60	80%	Complies



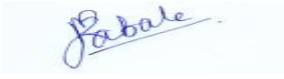


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### Final Results: **COMPLIES**

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