

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Microbial Content Test Agar	
Product Code: DM963	Expiry Date : 16/08/2021
Lot Number: 04630818	Release Date: 15/08/2018
Analytical Report Number: QAD/AR-18/08-741	Page No: 1 of 3

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
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
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
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	7.48	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.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Observed Lot value (CFU)	Recovery	Remarks
<i>Bacillus subtilis</i> ATCC 6633	30 -35 °C\ 18 -24 hrs	95	Good-luxuriant	86	90%	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30 -35 °C\ 18 -24 hrs	87	Good-luxuriant	72	82%	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30 -35 °C\ 18 -24 hrs	68	Good-luxuriant	61	89%	Complies
<i>Escherichia coli</i> ATCC 25922	30 -35 °C\ 18 -24 hrs	91	Good-luxuriant	81	89%	Complies
<i>Escherichia coli</i> ATCC 8739	30 -35 °C\ 18 -24 hrs	57	Good-luxuriant	48	84%	Complies
<i>Escherichia coli</i> NCTC 9002	30 -35 °C\ 18 -24 hrs	75	Good-luxuriant	56	74%	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	67	75%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30 -35 °C\ 18 -24 hrs	90	Good-luxuriant	87	96%	Complies
<i>Salmonella abony</i> NCTC 6017	30 -35 °C\ 18 -24 hrs	90	Good-luxuriant	75	83%	Complies
<i>Micrococcus luteus</i> ATCC 9341	30 -35 °C\ 18 -24 hrs	70	Good-luxuriant	56	80%	Complies
<i>Streptococcus pneumoniae</i> ATCC 6305	30 -35 °C\ 18 -24 hrs	75	Good-luxuriant	72	96%	Complies
<i>Salmonella typhimurium</i> ATCC 14028	30 -35 °C\ 18 -24 hrs	82	Good-luxuriant	64	78%	Complies
<i>Candida albicans</i> ATCC 10231	20 -25 °C\ <=5 d	91	Good-luxuriant	63	69%	Complies
<i>Candida albicans</i> ATCC 2091	20 -25 °C\ <=5 d	75	Good-luxuriant	65	86%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20 -25 °C\ <=5 d	86	Good-luxuriant	86	82%	Complies
<i>Candida albicans</i> ATCC 10231	30 -35 °C\ <=5 d	91	Good-luxuriant	91	82%	Complies
<i>Candida albicans</i> ATCC 2091	30 -35 °C\ <=5 d	75	Good-luxuriant	75	90%	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.

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

End Of The Report