



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Soyabean Casein Digest Medium	
Product Code: DM277	Expiry Date: 05/05/2023
Lot Number: 02530418	Release Date: 05/05/2018
Analytical Report Number: QAD/AR-18/04-411	Page No: 1 of 4

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow colored powder	Cream to yellow colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light yellow colored solution	Light yellow colored solution	Complies
Clarity of medium (After sterilization)	Clear solution without any precipitate	Clear solution without any precipitate.	Complies
pH (After sterilization)	7.10 to 7.50 at 25°C	7.14	Complies
Gel strength	Not applicable	Not applicable	Complies
Stability test	Light yellow coloured clear solution without any precipitation or sedimentation at room temperature for 7 days		Complies



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CULTURAL PARAMETERS:

Cultural characteristics observed after an incubation at 30-35°C for ≤ 3days for Bacterial and at 20-25°C for ≤ 5days for Fungal.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Remarks
<i>Staphylococcus aureus</i> ATCC 6538	30 -35 °C for 18 - 24 hrs	54	Luxuriant	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30 -35 °C for 18 - 24 hrs	89	Luxuriant	Complies
<i>Escherichia coli</i> ATCC 8739	30 -35 °C for 18 - 24 hrs	97	Luxuriant	Complies
<i>Escherichia coli</i> ATCC 25922	30 -35 °C for 18 - 24 hrs	96	Luxuriant	Complies
<i>Escherichia coli</i> NCTC 9002	30 -35 °C for 18 - 24 hrs	75	Luxuriant	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30 -35 °C for 18 - 24 hrs C	62	Luxuriant	Complies
<i>Pseudomonas aeruginosa</i> ATCC 27853	30 -35 °C for 18 - 24 hrs	94	Luxuriant	Complies
<i>Bacillus subtilis</i> ATCC 6633	30 -35 °C for 18 - 24 hrs	88	Luxuriant	Complies
<i>Micrococcus luteus</i> ATCC 9341	30 -35 °C for 18 - 24 hrs	65	Luxuriant	Complies
<i>Salmonella</i> Typhimurium ATCC 14028	30 -35 °C for 18 - 24 hrs	83	Luxuriant	Complies
<i>Salmonella</i> Abony NCTC 6017	30 -35 °C for 18 - 24 hrs	65	Luxuriant	Complies
<i>Streptococcus pneumonia</i> ATCC 6305	30 -35 °C for 18 - 24 hrs	72	Luxuriant	Complies



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<i>Sterility Testing- Growth promotion + Validation</i>				
<i>Staphylococcus aureus ATCC 6538</i>	20 -25 °C For more than 3 days	54	Luxuriant	Complies
<i>Staphylococcus aureus ATCC 25923</i>	20 -25 °C For more than 3 days	89	Luxuriant	Complies
<i>Escherichia coli ATCC 8739</i>	20 -25 °C For more than 3 days	97	Luxuriant	Complies
<i>Escherichia coli ATCC 25922</i>	20 -25 °C For more than 3 days	96	Luxuriant	Complies
<i>Escherichia coli NCTC 9002</i>	20 -25 °C For more than 3 days	75	Luxuriant	Complies
<i>Pseudomonas aeruginosa ATCC 9027</i>	20 -25 °C For more than 3 days	62	Luxuriant	Complies
<i>Pseudomonas aeruginosa ATCC 27853</i>	20 -25 °C For more than 3 days	94	Luxuriant	Complies
<i>Bacillus subtilis ATCC 6633</i>	20 -25 °C For more than 3 days	88	Luxuriant	Complies
<i>Micrococcus luteus ATCC 9341</i>	20 -25 °C For more than 3 days	65	Luxuriant	Complies
<i>Salmonella Typhimurium ATCC 14028</i>	20 -25 °C For more than 3 days	83	Luxuriant	Complies
<i>Salmonella Abony NCTC 6017</i>	20 -25 °C For more than 3 days	65	Luxuriant	Complies
<i>Streptococcus pneumonia ATCC 6305</i>	20 -25 °C For more than 3 days	72	Luxuriant	Complies
<i>Candida albicans ATCC 10231</i>	20 -25 °C For more than 5 days	95	Luxuriant	Complies
<i>Candida albicans ATCC 2091</i>	20 -25 °C For more than 5 days	75	Luxuriant	Complies
<i>Aspergillus brasiliensis ATCC 16404</i>	20 -25 °C For more than 5 days	74	Luxuriant	Complies


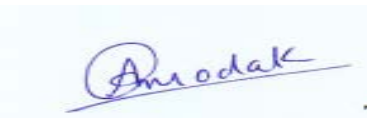



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Final Results: **COMPLIES**

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