



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Soybean Casein Digest Agar	
Product Code: DM247	Expiry Date: 27/07/2023
Lot Number: 04080718	Release Date: 27/07/2018
Analytical Report Number: QAD/AR-18/07-678	Page No: 1 of 3

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow powder	Cream to yellow powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Basal Medium : Light yellow color	Basal Medium : Light yellow color	Complies
	After addition of 5-7%w/v sterile defibrinated blood : Cherry red colored	After addition of 5-7%w/v sterile defibrinated blood : Cherry red colored	
Clarity of medium (After sterilization)	Basal Medium: Clear to opalescent gel	Basal Medium: Clear to opalescent gel	Complies
	After addition of 5-7%w/v sterile defibrinated blood : opaque gel forms in Petri plates	After addition of 5-7%w/v sterile defibrinated blood : opaque gel forms in Petri plates	
pH (After sterilization)	7.10-7.50 at 25°C	7.31	Complies
Gel strength	Firm gel as compared to 1.5% Agar	Firm gel as compared to 1.5% Agar	Complies



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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	No. of organisms recovered	Percentage Recovery	Haemolysis	Remarks
					With Added Blood			
<i>Bacillus subtilis</i> ATCC 6633	30-35°C 18-24 hrs	88	82	86%	83	87%	None	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30-35°C 18-24 hrs	68	57	85%	58	85%	Beta	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30-35°C 18-24 hrs	87	73	83%	71	81%	Beta	Complies
<i>Escherichia coli</i> ATCC 8739	30-35°C 18-24 hrs	93	79	84%	80	86%	None	Complies
<i>Escherichia coli</i> ATCC 25922	30-35°C 18-24 hrs.	58	50	87%	52	89%	None	Complies
<i>Escherichia coli</i> NCTC 9002	30-35°C 18-24 hrs	74	62	82%	68	91%	None	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30-35°C 18-24 hrs	89	73	82%	75	84%	--	Complies
<i>Salmonella abony</i> NCTC 6017	30-35°C 18-24 hrs	90	78	86%	80	88%	--	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	30-35°C 18-24 hrs	82	68	82%	72	82%	--	Complies





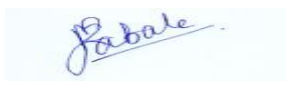
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Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	No. of organisms recovered	Percentage Recovery	Haemolysis	Remarks
					With Added Blood			
<i>Candida albicans</i> ATCC 10231	30-35°C 18-24 hrs	95	72	80%	79	83%	--	Complies
<i>Candida albicans</i> ATCC 2091	20-25°C ≤ 5days	72	62	83%	60	81%	--	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20-25°C ≤ 5days	75	71	82%	65	86%	--	Complies

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