



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Soyabean Casein Digest Agar	
Product Code: DM247	Expiry Date: 27/08/2018
Lot Number: 04610818	Release Date: 30/08/2018
Analytical Report Number: QAD/AR-14/08-834	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to light yellow	Cream to light yellow	Complies
Consistency	Homogenous free flowing powder	Homogenous free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light yellow coloured	Light yellow coloured	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)	7.2 ± 0.2 at 25°C	7.33	Complies
Gel strength	Firm, comparable with 1.5% Agar gel	Firm, comparable with 1.5% Agar gel	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Remarks
<i>Bacillus subtilis</i> ATCC 6633	30-35°C 18-24 hrs	70	50	78%	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30-35°C 18-24 hrs	83	75	89%	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30-35°C 18-24 hrs	65	47	72%	Complies
<i>Escherichia coli</i> ATCC 8739	30-35°C 18-24 hrs	80	69	86%	Complies



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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Remarks
<i>Escherichia coli</i> NCTC 9002	30-35°C 18-24 hrs	60	45	75%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30-35°C 18-24 hrs	57	45	78%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 27853	30-35°C 18-24 hrs	68	49	73%	Complies
<i>Salmonella abony</i> NCTC 6017	30-35°C 18-24 hrs	57	45	78%	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	30-35°C 18-24 hrs	79	65	82%	Complies
<i>Candida albicans</i> ATCC 10231	30-35°C 18-24 hrs	52	45	86%	Complies
<i>Candida albicans</i> ATCC 2091	20-25°C ≤ 5days	77	65	77%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20-25°C ≤ 5days	67	55	82%	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