



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Soyabean Casein Digest Agar (Triple Packed) [Gamma Irradiated] - 90mm Plates	
Product Code: EP001IT-10PL	Expiry Date: 26/08/2018
Lot Number: 01040218	Release Date: 03/02/2018
Analytical Report Number: QAD/AR-18/02-183	Page No: 1 of 3

PREPARED PLATES			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of Final Medium	Pale Yellow Colored Plates.	Pale Yellow Colored Plates.	Complies
Clarity after autoclaving	Clear to slightly opalescent gel forms in petri-plates.	Clear to slightly opalescent gel formed in petri-plates.	Complies
pH	7.10 to 7.50	7.28	Complies
Gel Strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies
Pre Incubation Check	No growth should be observed after incubation at 30-35°C for 24 - 48 hrs	No growth observed after incubation at 30-35°C for 24 - 48 hrs	Complies
Quantity of Medium in Plates	22 to 25 ml	23 ml	Complies
IRRADIATED PLATES			
Color of Final Medium	Light Amber Colored Plates.	Light Amber Colored Plates.	Complies
pH	7.10 to 7.50	7.21	Complies
Gel Strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies
Dose of irradiation (kgy)	10 To 25	15 Kgy	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Remarks
			Before irradiation			After irradiation		
<i>Staphylococcus aureus</i> ATCC 6538	30 – 35 °C/ 24 - 48 hrs.	88	71	81%	88	69	78%	Complies



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<i>Escherichia coli</i> ATCC 8739	30 – 35 °C/ 24 - 48 hrs.	84	73	87%	84	70	83%	Complies
<i>Bacillus subtilis</i> ATCC 6633	30 – 35 °C/ 24 - 48 hrs.	59	44	75%	59	42	71%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30 – 35 °C/ 24 - 48 hrs.	65	51	78%	65	48	74%	Complies
<i>Candida albicans</i> ATCC 10231	30 – 35 °C/ 24 - 48 hrs.	79	62	78%	79	58	73%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	30 – 35 °C/ 24 - 48 hrs.	75	63	84%	75	61	81%	Complies
<i>Candida albicans</i> ATCC 10231	20 – 25 °C/ 48 - 72 hrs.	79	61	77%	79	60	76%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20 – 25 °C/ 3 - 5 days	75	65	87%	75	63	84%	Complies
<i>Penicillium chrysogenum</i> ATCC 11709	20 – 25 °C/ 3 - 5 days	71	60	85%	71	53	75%	Complies


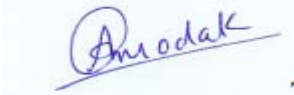



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Final Results: **COMPLIES**

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
TESTED BY (Deepti Nair) MICROBIOLOGIST	CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report