



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Dey Engley Neutralizing Agar Contact plates 55mm,(Triple Packed, Gamma Irradiated)	
Product Code: CP005IT-10PL	Expiry Date: 30/05/2018
Lot Number: 01280218	Release Date: 09/03/2018
Analytical Report Number: QAD/AR-18/03-211	Page No: 1 of 3

PREPARED PLATES			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of Final Medium	Purple colored plates. Medium filled up to the brim.	Purple colored Plates. Medium filled up to the brim	Complies
Clarity after autoclaving	Clear to slightly opalescent gel forms in scored contact plates.	Clear to slightly opalescent gel formed in scored contact plates	Complies
pH	7.40 to 7.80	7.65	Complies
Gel Strength	Firm gel as compared to 1.5% Agar	Firm gel as compared to 1.5% Agar	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	18 to 20 ml	18ml	Complies
IRRADIATED PLATES			
Color of Final Medium	Purple colored plates	Purple colored plates	Complies
pH	7.40 to 7.80	7.50	Complies
Gel Strength	Firm gel as compared to 1.5% Agar	Firm gel as compared to 1.5% Agar	Complies
Dose of irradiation (kgy)	10 to 25	15Kgy	Complies



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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	No. of organisms		Percentage Recovery	Remarks
					inoculated	recovered		
		Before irradiation			After irradiation			
<i>Staphylococcus aureus</i> ATCC 6538	30 – 35 °C/ 24 - 48 hrs.	88	75	85%	88	73	83%	Complies
<i>Escherichia coli</i> ATCC 11229	30 – 35 °C/ 24 - 48 hrs.	83	70	84%	83	72	87%	Complies
<i>Bacillus subtilis</i> ATCC 19659	30 – 35 °C/ 24 - 48 hrs.	77	65	84%	77	62	81%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 15442	30 – 35 °C/ 24 - 48 hrs.	70	57	81%	70	59	84%	Complies
<i>Candida albicans</i> ATCC 10231	30 – 35 °C/ 24 - 48 hrs.	77	65	84%	77	63	82%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	30 – 35 °C/ 24 - 48 hrs.	60	50	83%	60	48	80%	Complies
<i>Candida albicans</i> ATCC 10231	20 – 25 °C/ 48 - 72 hrs.	77	63	82%	77	65	84%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20 – 25 °C/ 3 - 5 days	60	48	80%	60	52	87%	Complies
<i>Penicillium chrysogenum</i> ATCC 11709	20 – 25 °C/ 3 - 5 days	62	50	81%	62	51	82%	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