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: 20/12/2018**
Lot Number: 03460618	**Release Date: 20/06/2018**
Analytical Report Number: QAD/AR-18/06-550	**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	7.80	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^{o}C for 24 - 48 hrs	No growth observed after incubation at 30-35^{o}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	7.45	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

Micromaster laboratories Pvt.Ltd
Manufacturer and Exporter
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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			
Staphylococcus aureus ATCC 6538	30 – 35 °C/ 24 - 48 hrs.	68	58	84%	68	54	80%	Complies
Escherichia coli ATCC 11229	30 – 35 °C/ 24 - 48 hrs.	73	62	86%	73	63	86%	Complies
Bacillus subtilis ATCC 19659	30 – 35 °C/ 24 - 48 hrs.	75	62	84%	75	60	80%	Complies
Pseudomonas aeruginosa ATCC 15442	30 – 35 °C/ 24 - 48 hrs.	72	60	83%	72	60	83%	Complies
Candida albicans ATCC 10231	30 – 35 °C/ 24 - 48 hrs.	95	78	82%	95	79	83%	Complies
Aspergillus braseiliensis ATCC 16404	30 – 35 °C/ 24 - 48 hrs.	74	64	81%	74	60	81%	Complies
Candida albicans ATCC 10231	20 – 25 °C/ 48 - 72 hrs.	95	78	82%	95	79	83%	Complies
Aspergillus braseiliensis ATCC 16404	20 – 25 °C/ 3 - 5 days	74	64	81%	74	60	81%	Complies
Penicillium chrysogenum ATCC 11709	20 – 25 °C/ 3 - 5 days	73	62	84%	73	63	86%	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** **(Swati More)** **HEAD QUALITY ASSURANCE**

End Of The Report

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