



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Tryptone Soya Agar Contact Plate w/ Lecithin & Polysorbate 80; (55mm, Triple packed, Gamma-irradiated-Pack of 10)	
Product Code: CP004IT-10PL	Expiry Date: 08/03/2019
Lot Number: 05350818	Release Date: 12/09/2018
Analytical Report Number: QAD/AR-18/09-883	Page No: 1 of 3

PREPARED PLATES

TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Colour of Final Medium	Pale yellow colored plates. Medium filled up to the brim.	Pale yellow 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	7.10 to 7.50	7.44	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	18 to 20 ml	18ml	Complies

IRRADIATED PLATES

Colour of Final Medium	Light Amber Colored Plates	Light Amber Colored Plates	Complies
pH	7.10 to 7.50	7.46	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	15Kgy	Complies



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CULTURAL PARAMETERS: Growth Promotion was observed after an incubation at 30-35°C for 18-24 hours for bacteria and for 20-25°C <=5 days for fungus.

Organisms	Incubation Temp/ time	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>Streptococcus pneumoniae</i> ATCC 6305	30 -35 °C/ 18 -24 hrs	75	53	70%	75	54	72%	Complies
<i>Candida albicans</i> ATCC 10231	20 -25 °C/ <=5 d	52	43	82%	52	38	73%	Complies
<i>Candida albicans</i> ATCC 2091	20 -25 °C/ <=5 d	77	59	76%	77	65	84%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	20 -25 °C/ <=5 d	67	51	76%	67	49	73%	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	30 -35 °C/ 18 -24 hrs	79	62	78%	79	61	77%	Complies
<i>Aspergillus brasiliensis</i> ATCC 16404	30 -35 °C/ <=5 d	67	51	76%	67	49	73%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 27853	30 -35 °C/ 18 -24 hrs	57	42	73%	57	46	80%	Complies
<i>Salmonella Abony</i> NCTC 6017	30 -35 °C/ 18 -24 hrs	57	48	84%	57	46	80%	Complies
<i>Micrococcus luteus</i> ATCC 9341	30 -35 °C/ 18 -24 hrs	70	55	78%	70	57	81%	Complies
<i>Bacillus subtilis</i> ATCC 6633	30 -35 °C/ 18 -24 hrs	70	61	87%	70	55	78%	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30 -35 °C/ 18 -24 hrs	83	75	90%	83	61	73%	Complies



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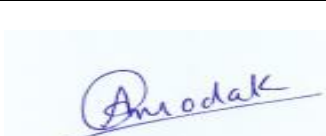
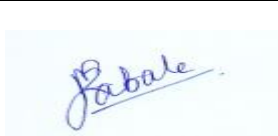
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		Before Irradiation			After Irradiation			
<i>Escherichia coli</i> ATCC 25922	30 -35 °C/ 18 -24 hrs	80	71	88%	80	71	88%	Complies
<i>Escherichia coli</i> ATCC 8739	30 -35 °C/ 18 -24 hrs	52	44	84%	52	39	75%	Complies
<i>Escherichia coli</i> NCTC 9002	30 -35 °C/ 18 -24 hrs	75	59	78%	75	61	81%	Complies
<i>Pseudomonas aeruginosa</i> ATCC 9027	30 -35 °C/ 18 -24 hrs	68	57	83%	68	57	83%	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30 -35 °C/ 18 -24 hrs	65	56	86%	65	48	73%	Complies
<i>Candida albicans</i> ATCC 10231	30 -35 °C/ <=5 d	52	43	82%	52	38	73%	Complies
<i>Candida albicans</i> ATCC 2091	30 -35 °C/ <=5 d	77	59	76%	77	65	84%	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