CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Tryptone Soya Agar Contact Plate w/ Lecithin(0.7%) & Polysorbate 80(0.5%); (55mm, Triple packed, Gamma-irradiated-Pack of 10)	
Product Code: CP004IT-10PL	**Expiry Date: 16/03/2020**
Lot Number: 07710919	**Release Date: 03/10/2019**
Analytical Report Number: QAD/AR-19/09-1022	**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	7.41	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	7.38	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	Complies

Micromaster laboratories Pvt.Ltd
Manufacturer and Exporter
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Ghodbunder Road,Thane (W)-400607,Maharashtra,India
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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			
Staphylococcus aureus ATCC 6538	30 – 35 °C/ 24 - 48 hrs.	83	62	75%	83	67	81%	Complies
Escherichia coli ATCC 8739	30 – 35 °C/ 24 - 48 hrs.	74	64	86%	74	69	93%	Complies
Bacillus subtilis ATCC 6633	30 – 35 °C/ 24 - 48 hrs.	75	61	81%	75	61	81%	Complies
Salmonella abony NCTC 6017	30 – 35 °C/ 24 - 48 hrs.	86	67	78%	86	69	80%	Complies
Pseudomonas aeruginosa ATCC 9027	30 – 35 °C/ 24 - 48 hrs.	89	69	78%	89	62	70%	Complies
Candida albicans ATCC 10231	30 – 35 °C/ 24 - 48 hrs.	74	61	82%	74	62	84%	Complies
Aspergillus braseiliensis ATCC 16404	30 – 35 °C/ <=5 d.	73	62	85%	73	64	88%	Complies

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Candida albicans ATCC 10231	20 – 25 °C/ 48 - 72 hrs.	74	64	86%	74	63	85%	Complies
Aspergillus braseiliensis ATCC 16404	20 – 25 °C/ <=5 d	73	67	92%	73	68	93%	Complies

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

TESTED BY (Pooja Sutar) MICROBIOLOGIST	**CHECKED BY (Madhavi Sawant) HEAD MICROBIOLOGY**	**APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE**

End Of The Report

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