



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product **69372 - Skim Milk Plate Count Agar (SM Plate Count Agar)**
Batch No **5472096**
Analysis Date 11-Jul-2024
Date of Manufacture July 2024
Expiry Date/Re-Test Date July 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Beige	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	20.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.0 ± 0.2	6.90 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber	Complies
Cultural Response	Inoculate and incubate at 37 ± 2°C for 18 - 24 hrs	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Bacillus cereus ATCC 10876	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Candida albicans ATCC 10231	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Lactococcus lactis species ATCC 19435	

FRM/82/11/3/69372 Rev No. 3 Date 12/01/2023

Prepared by Samrudhi

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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Test Parameters	Standards	Actual Results
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : $\geq 70.0\%$	Complies
Organism	Listeria monocytogenes ATCC 19118	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : $\geq 70.0\%$	Complies

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