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Certificate of Analysis

Product **60062 - Mannitol Salt Agar (U/P)**
Batch No **1963869**
Analysis Date 08-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	111.025 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.4 ± 0.2	7.39 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Red	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50.0% Colony colour : Yellow	Complies
Organism	Staphylococcus aureus ATCC 6538	
Inoculum (cfu) 10-100	Growth : Good Recovery rate : >=50.0% Colony colour : Yellow	Complies
Organism	Staphylococcus epidermidis ATCC 12228	
Inoculum (cfu) 10-100	Growth : Fair-good Recovery rate : >=40.0% Colony colour : Red	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	Growth : Inhibited	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum	Growth : Inhibited	Complies

FRM/82/11/3/60062 Rev No. 1 Date 11/06/2022

Prepared by Shikha

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

1/1

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