



**SISCO  
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PVT. LTD.**

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# Certificate of Analysis

**Product** **63971 - Nutrient Agar**  
**Batch No** **5718983**  
**Analysis Date** 11-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light cream	Complies
Appearance (Form)	Free flowing ,homogeneous powder	Complies
Solubility	28.00 gm/lit	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% Agar gel	Complies
pH (25°C)	7.4 ± 0.2	7.60 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber	Complies
Cultural Response: Inoculate and incubate at 37° C for 18-24hrs		
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth - Good ,Recovery Rate >=70%	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth - Good ,Recovery Rate >=70%	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth- Good ,Recovery Rate >=70%	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth - Good,Recovery Rate >=70%	Complies
Organism	Salmonella typhimurium ATCC 6539	
Inoculum (cfu) 10-100	Growth - Good,Recovery Rate >=70%	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth - Good,Recovery Rate >= 70%	Complies

FRM/82/11/3/63971 Rev No. 4 Date 10/06/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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