



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product 71125 - Lysine Iron Agar
Batch No 2004702
Analysis Date 24-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Biege with greyish tinge	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	34.56 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)	6.7 ± 0.2	6.65 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Purple	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth Slant Butt H2S Good K K -	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth Slant Butt H2S Good K K +	Complies
Organism	Proteus mirabilis ATCC 25933	
Inoculum (cfu) 10-100	Growth Slant Butt H2S Good A R +	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth Slant Butt H2S Good A K -	Complies

FRM/82/11/3/71125 Rev No. 1 Date 24/09/2021

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

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Test Parameters

Standards

Actual Results

Key

A = acidic, yellow; K = alkaline, purple,
no colour change; R = deep red, lysine
deamination; H₂S = (+) blackening of
medium; H₂S = (-) no blackening of
medium.

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