



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product 19814 - B.T.B. Lactose Agar
Batch No 5196315
Analysis Date 20-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Greenish yellow	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	33.17 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	8.6 ± 0.2	8.40 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Greenish blue	Complies
Cultural Response	Inoculate and incubate at 37°C for 24-48 hours	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : golden yellow	Complies
Organism	Staphylococcus epidermidis ATCC 12228	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : blue/colourless	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Colony colour : yellow	Complies
Organism	Salmonella typhi ATCC 6539	

FRM/82/11/3/19814 Rev No. 2 Date 08/01/2023

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

Inoculum (cfu) 10-100

Growth : Good
Recovery Rate : >=70.0%
Colony colour : blue/colourless

Complies

FRM/82/11/3/19814 Rev No. 2 Date 08/01/2023

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