



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product 74726 - MacConkey Broth (MacConkey Broth w/ Neutral Red)
Batch No 7360119
Analysis Date 09-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pinkish beige	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	40.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear w/o any precipitate	Complies
pH (25°C)	7.0 ± 0.2	7.00 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear w/o any precipitate	Complies
Prepared Medium Appearance after autoclaving (Colour)	Red	Complies
Cultural Response	Inoculate and incubate at 37°C for 24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Acid : (+) ve Gas : (+) ve	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Acid : (+) ve Gas : (+) ve	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Acid : (-) ve Gas : (-) ve	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good Acid : (+) ve Gas : (+) ve	Complies
Organism	Proteus mirabilis ATCC 25933	

FRM/82/11/3/74726 Rev No. 1 Date 12/03/2023

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
Acid : (-) ve
Gas : (-) ve

Complies

Organism

Salmonella cholerasuis
ATCC 12011

Inoculum (cfu) 10-100

Growth : Good,
Acid : (-) ve
Gas : (-) ve

Complies

Organism

Staphylococcus aureus
ATCC 25923

Inoculum

Growth : Inhibited

Complies

Key

Acid : (+) ve..Positive reaction.
Gas : (+) ve .Gas formation
Acid : (-) ve..Negative reaction.
Gas : (-) ve .No gas formation.

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