



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product	26351 - Mueller Kauffman Tetrathionate Broth Base
Batch No	3552658
Analysis Date	27-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	82.05 gm/liter	Complies
Solubility before autoclaving (Clarity)	Opalescent with heavy white precipitate.	Complies
pH (25°C)	7.8 ± 0.2	7.90 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Opalescent with heavy white precipitate.	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light green	Complies
Cultural Response	Inoculate and incubate the tubes at 37 ± 2°C for 18-24 hrs. Cultural response observed when subcultured on Soyabean Casein Digest Agar (SCDA) , after incubation at 42 - 44°C for 18-24 hrs.	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : None - poor, Growth on SCDA : None-poor	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : None - poor, Growth on SCDA : None-poor	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good, Growth on SCDA : Good	Complies
Organism	Salmonella paratyphi B ATCC 8759	
Inoculum (cfu) 10-100	Growth : Good, Growth on SCDA : Good	Complies

FRM/82/11/3/26351 Rev No. 1 Date 18/09/2021

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

Organism

Shigella flexneri
ATCC 12022

Inoculum

Growth : Inhibited, Growth on SCDA :
Inhibited

Complies

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