



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**76135 - Mueller Kauffman Tetrathionate Novobiocin
Broth Base (MKTTn)**

Batch No

1618634

Analysis Date

27-Apr-2024

Date of Manufacture

April 2024

Expiry Date/Re-Test Date

April 2027

Test Parameters

Standards

Actual Results

Appearance (Colour)

Pale green

Complies

Appearance (Form)

Free flowing, homogeneous powder

Complies

Solubility

89.50 gm/liter

Complies

Solubility before autoclaving
(Clarity)

Opaque suspension which on standing
gives a heavy white precipitate

Complies

pH (25°C)

8.2 ± 0.2

8.08 Complies

Prepared Medium Appearance
after autoclaving (Clarity)

Opaque suspension which on standing
gives a heavy white precipitate

Complies

Prepared Medium Appearance
after autoclaving (Colour)

Pale green

Complies

Cultural Response

Inoculate and incubate at 43°C for 18-48
hours, with added 20ml iodine solution
and MKTT Novobiocin Supplement
(31601), when subcultured on
Soyabean Casein Digest Agar (33291)

Organism

Proteus vulgaris
ATCC 13315

Inoculum (cfu) 10-100

Growth : None - poor

Complies

Organism

Salmonella enteritidis
ATCC 13076

Inoculum (cfu) 10-100

Growth : Good

Complies

Organism

Escherichia coli
ATCC 25922

Inoculum (cfu) 10-100

Growth : None - poor

Complies

Organism

Salmonella paratyphi A
ATCC 9150

Inoculum (cfu) 10-100

Growth : Good

Complies

Organism

Salmonella paratyphi B
ATCC 8759

Inoculum (cfu) 10-100

Growth : Good

Complies

FRM/82/11/3/76135 Rev No. 1 Date 14/03/2022

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	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum	Growth : Inhibited	Complies

FRM/82/11/3/76135 Rev No. 1 Date 14/03/2022

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