



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product **12081 - Triple Sugar Iron Agar (I)**
Batch No **2955011**
Analysis Date 06-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	64.62 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
pH (25°C)	7.4 ± 0.2	7.38 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Pinkish red	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 Gas H2S Good A A + -	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth Slant Butt Gas H2S Good A A + -	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth Slant Butt Gas H2S Good K A + +	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth Slant Butt Gas H2S Good A A + -	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth Slant Butt Gas H2S Good K K - -	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth Slant Butt Gas H2S Good K A - +	Complies

FRM/82/11/3/12081 Rev No. 3 Date 17/09/2021

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

1/2

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	12081 - Triple Sugar Iron Agar (I)
Batch No	2955011
Analysis Date	06-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2027

Test Parameters

Standards

Actual Results

Organism

Shigella flexneri
ATCC 12022

Inoculum (cfu) 10-100

Growth	Slant	Butt	Gas	H2S
Good	K	A	-	-

Complies

Key

A = acidic, yellow; K = alkaline, no change; Gas = (+) splitting and cracking of the medium, Gas = (-) no splits, cracks or bubbles, H2S = (+) black precipitate; H2S = (-) no black precipitate

FRM/82/11/3/12081 Rev No. 3 Date 17/09/2021

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

2/2

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.