



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product	36856 - SS Agar, Modified (Salmonella-Shigella Agar, Modified)
Batch No	4244089
Analysis Date	28-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pinkish yellow	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	57.02 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.2 ± 0.2	7.22 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Reddish orange	Complies
Cultural Response	Inoculate and incubate at 35-37°C for 18-24 hours	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >= 50%, Colony colour : Colourless w/black centre	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >= 50%, Colony colour : Colourless	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Poor-good, Recovery Rate : >= 30%, Colony colour : Cream-pink	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Poor-good, Recovery Rate : >= 30%, Colony colour : Pink w/bile precipitate	Complies

FRM/82/11/3/36856 Rev No. 1 Date 09/08/2021

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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Standards

Actual Results

Organism

Proteus mirabilis
ATCC 25933

Inoculum (cfu) 10-100

Growth : Poor-good, Recovery Rate :
>= 40%, Colony colour : Colourless may
have black centre

Complies

Organism

Enterococcus faecalis
ATCC 29212

Inoculum

Growth : None-poor, Colony colour :
Colourless

Complies

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