



**SISCO
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LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product **39930 - SS Agar (Salmonella Shigella Agar)**
Batch No **8525379**
Analysis Date 25-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pinkish yellow	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	60.25gm/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)	7.0 ± 0.2	6.81 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 37°C for 18 - 24 hours	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Colony colour : Colourless with black centres	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=50%, Colony colour : Colourless with black centres	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=30%, Colony colour : Pink with bile precipitate	Complies
Organism	Proteus mirabilis ATCC 25933	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=40%, Colony colour : Colourless may have black centres	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=40%, Colony colour : Colourless	Complies

FRM/82/11/3/39930 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,
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[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](https://www.iso.org/standard/68549.html)

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Test Parameters	Standards	Actual Results
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >=30%, Colony colour : Cream pink	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum	Growth : Inhibited	Complies

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