



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product **55369 - Bismuth Sulphite Agar (I)**
Batch No **8092249**
Analysis Date 28-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light beige to light green	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	63.40 gm/liter	Complies
Solubility before boiling (clarity)	Opaque with a flocculent precipitate	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.5 ± 0.2	7.57 Complies
Prepared medium appearance after boiling (clarity)	Opaque with a flocculent precipitate	Complies
Prepared medium appearance after boiling (colour)	Light grey-green to medium green	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 : Black or greenish-grey, may have sheen	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50% Colony colour : Black with metallic sheen	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	>10 ³ , Growth : Partial Inhibition, Colony colour : Dull green or brown colonies, without metallic sheen	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum	>10 ³ , Growth : Inhibited	Complies
Organism	Salmonella enteritidis ATCC 13076	

FRM/82/11/3/55369 Rev No. 3 Date 08/10/2021

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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