



**SISCO
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Certificate of Analysis

Product	50362 - Bile Salts BactoBio for bacteriology
Batch No	2559965
Analysis Date	23-Dec-2024
Date of Manufacture	December 2024
Expiry Date/Re-Test Date	December 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Yellowish green	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility (Colour) 2% aq. solution	Yellow, clear	Complies
Clarity of solution	1% w/v aq. solution is clear and free from extraneous matter	Complies
pH (25°C)	5.5 - 7.0 (2%)	6.95, Complies
Stability (After autoclaving)	Yellow, clear without any precipitate or scum on the surface of the solution	Complies
Loss on drying	< 5.0%	3.08%, Complies
Total Aerobic microbial count	(By Plate Count Method) : <= 10, 000 cfu/gm	Complies
Cultural Response	Inoculated and incubated at 37°C for 18 - 24 hours. (MacConkey Agar prepared using Bile Salts as ingredient)	
Organism	Escherichia coli ATCC 25922 (pink to red colonies with bile precipitate)	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good, Colony colour : Colourless	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Inhibited	Complies
Deoxycholic acid-sodium salt	~ 50.00%	Complies
Cholic acid-sodium salt	~ 50.00%	Complies
Substance insoluble in 84% ethanol	< 0.1%	Complies
Storage	8° - 25° C	Complies

FRM/82/11/3/50362 Rev No. 1 Date 25/05/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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