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Certificate of Analysis

Product **30842 - Tributyrin Agar Base w/o Tributyrin**
Batch No **9078181**
Analysis Date 27-Nov-2023
Date of Manufacture November 2023
Expiry Date/Re-Test Date November 2026

Test Parameters	Standards	Actual Results
Appearance (Colour)	Beige	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	23.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.5 ± 0.2	7.40, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Opalescent with oil droplets forms in petri plates	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light cream to yellow	Complies
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24-48 hours with added Tributyrin supplement (87704)	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (+ve)	Complies
Organism	Clostridium sporogenes ATCC 11437	
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (+ve)	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (+ve)	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (-ve)	Complies
Organism	Clostridium perfringens ATCC 12924	
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (-ve)	Complies
Key	(+) clear zones around the colonies (-) no clear zones around the colonies	

FRM/82/11/3/30842 Rev No. 2 Date 30/07/2023

Prepared by Shikha

In compliance with the standard specifications of SRL

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