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## Certificate of Analysis

**Product** **69574 - Beef Extract Agar (ex. Buffalo)**  
**Batch No** **8793482**  
**Analysis Date** 23-Apr-2024  
**Date of Manufacture** April 2024  
**Expiry Date/Re-Test Date** April 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	33.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.6 ± 0.2	7.46 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Salmonella typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Candida albicans ATCC 10231	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies

FRM/82/11/3/69574 Rev No. 2 Date 06/03/2022

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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