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Certificate of Analysis

Product **88393 - Plate Count Agar (B/S)**
Batch No **7237062**
Analysis Date 06-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	30.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.0 ± 0.2	7.20, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber	Complies
Cultural Response	Inoculate and incubate at 35-37°C for 18-24 hours	
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate :>=70%	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate :>=70%	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate :>=70%	Complies
Organism	Enterococcus faecalis ATCC 29212	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate :>=70%	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate :>=70%	Complies
Organism	Lactobacillus casei ATCC 9595	
Inoculum (cfu) 10-100	Growth : Good,Recovery Rate :>=70%	Complies

FRM/82/11/3/88393 Rev No. 1 Date 26/06/2021

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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