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Certificate of Analysis

Product **47479 - Bacillus Differentiation Agar**
Batch No **5623533**
Analysis Date 30-Jan-2022
Date of Manufacture January 2022
Expiry Date/Re-Test Date January 2025

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light yellow to light green	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	22.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.54% agar gel	Complies
pH (25°C)	7.2 ± 0.2	7.01, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light purple	Complies
Cultural Response	Inoculate and incubate at 37°C ± 2°C for 18 - 24 hours.	
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good Recovery : =>70% Colour : Yellow	Complies
Organism	Bacillus cereus ATCC 10876	
Inoculum (cfu) 10-100	Growth : Good Recovery : =>70% Colour : Colourless	Complies

FRM/82/11/3/47479 Rev No. 1 Date 06/12/2023

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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