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Certificate of Analysis

Product **45470 - Cetrimide Agar, Base**
Batch No **3042712**
Analysis Date 07-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light cream	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	45.30 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)	7.2 ± 0.2	7.06 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours	
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50%	Complies
Organism	Pseudomonas aeruginosa ATCC 9027	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50%	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum	Growth : Inhibited	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	Growth : Inhibited	Complies

FRM/82/11/3/45470 Rev No. 1 Date 09/08/2021

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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