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Certificate of Analysis

Product	75213 - Chromed M-Lauryl Sulfate Agar (MLGA)
Batch No	8901525
Analysis Date	07-Nov-2022
Date of Manufacture	November 2022
Expiry Date/Re-Test Date	November 2024

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light yellow to pink	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	87.90 gm/liter	Complies
Solubility before autoclaving (Clarity)	Very slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.4 ± 0.2	7.21, Complies
Prepared Medium Appearance after autoclaving (Colour)	Red	Complies
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent	Complies
Cultural Response	Inoculate and incubate at 37 °C for 18 - 24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Colour of colony : Green	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good Colour of colony : Yellow, mucoid	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum	>10 ³ , Growth : Inhibited	Complies
Organism	Salmonella enteritidis ATCC 13076	
Inoculum (cfu) 10-100	Growth:Good Colour of colony : Pink	Complies

FRM/82/11/3/75213 Rev No. 1 Date 14/02/2022

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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