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Certificate of Analysis

Product	24301 - Antibiotic Assay Medium No. 8 (Base Agar w/Low pH)
Batch No	2714257
Analysis Date	01-Nov-2022
Date of Manufacture	November 2022
Expiry Date/Re-Test Date	November 2025

Test Parameters	Standards	Actual Results
Appearance (Colour)	Beige	Complies
Appearance (Form)	Free flowing, homogeneous powder.	Complies
Solubility	25.50 gm/liter	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5 % agar gel.	Complies
pH (25°C)	5.9 ± 0.2	6.03, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Very Slightly opalescent.	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber.	Complies
Cultural Response	As mentioned in United States Pharmacopeia. After addition of desired antibiotic solutions incubate the plates at 35 ± 2°C for 18-24 hours. (Cylinder plate assay method) Observe the plates for zone of inhibition around the punched holes. Compare the zone sizes with the zone sizes of the reference antibiotic.	
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Antibiotics Assayed : Vancomycin	Complies

FRM/82/11/3/24301 Rev No. 1 Date 16/12/2023

Prepared by Shikha

In compliance with the standard specifications of SRL

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