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Certificate of Analysis

Product	11266 - Glutamate Starch Phenol Red Agar Base
Batch No	5265659
Analysis Date	07-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2026

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light yellow to orange	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	44.86 gms/lit.	Complies
pH	(at 25°C) 7.2±0.2	7.12 Complies
Solubility before autoclaving (Colour)	Red	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Red	Complies
Gel strength	Firm ,comparable with 1.2% agar gel.	Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Cultural Response	Inoculate and incubate at 25-30°C for 48-72 hours. (Cultural characteristics observed on addition of 100 IU/ml Penicillin G, sodium salt and 0 mcg/ml Pimaricin)	
Organism	Aeromonas hydrophila ATCC 7966	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=50.0% Starch Hydrolysis: positive reaction, acid production, yellow colour	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Recovery Rate : >=50.0% Starch Hydrolysis: negative reaction, no acid production	Complies

FRM/82/11/3/11266 Rev No. 2 Date 12/07/2023

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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