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Certificate of Analysis

Product **50223 - Dextrose Tryptone Agar**
Batch No **6702432**
Analysis Date 20-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light greenish biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	30.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	6.7 ± 0.2	6.66 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Purple	Complies
Cultural Response	Inoculate and incubate at 55°C for 36-48 hours	
Organism	Bacillus coagulans ATCC 8038	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >50-70.0%, Colony colour : Yellow	Complies
Organism	Bacillus stearothermophilus ATCC 7953	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >50-70.0%, Colony colour : Yellow	Complies
Organism	Bacillus brevis ATCC 8246	
Inoculum (cfu) 10-100	Growth : Good, Recovery Rate : >50-70.0%, Colony colour : Yellow	Complies

FRM/82/11/3/50223 Rev No. 1 Date 04/11/2023

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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