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Certificate of Analysis

Product	79562 - Lactobacillus MRS Agar (ISO Basis)
Batch No	5560108
Analysis Date	23-Mar-2025
Date of Manufacture	March 2025
Expiry Date/Re-Test Date	March 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	Creamish tan	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	65.25 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% gel	Complies
pH (25°C)	6.7 ± 0.2	6.62, Complies
Prepared Medium Appearance (Clarity)	Clear to slightly opalescent	Complies
Prepared Medium Appearance (Colour)	Medium to dark amber	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-72 hours	
Organism	Lactobacillus acidophilus ATCC 19992	
Inoculum (cfu) 10-100	Growth : Good , Recovery Rate : ≥50%	Complies
Organism	Lactobacillus plantarum ATCC 8014	
Inoculum (cfu) 10-100	Growth : Good , Recovery Rate : ≥50%	Complies
Organism	Lactobacillus leichmannii ATCC 7830	
Inoculum (cfu) 10-100	Growth : Good , Recovery Rate : ≥50%	Complies
Organism	Lactobacillus fermentum ATCC 9338	
Inoculum (cfu) 10-100	Growth : Good , Recovery Rate : ≥50%	Complies

FRM/82/11/3/79562 Rev No. 1 Date 03/07/2021

Prepared by Shikha

In compliance with the standard specifications of SRL

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