

Certificate of Analysis

Product **49190 - Lactobacillus MRS Broth (MRS Broth)**
Batch No **1003048**
Analysis Date 28-Apr-2025
Date of Manufacture April 2025
Expiry Date/Re-Test Date April 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	Creamish tan	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	55.15 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
pH (25°C)	6.5 ± 0.2	6.42, Complies
Prepared Medium Appearance (Clarity)	Clear to very slightly opalescent without any precipitate	Complies
Prepared Medium Appearance (Colour)	Light to medium amber	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-24 hours (with 5% CO ₂)	
Organism	Lactobacillus leichmannii ATCC 7830	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Lactobacillus plantarum ATCC 8014	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Lactococcus lactis ATCC 19435	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Lactobacillus fermentum ATCC 9338	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Lactobacillus casei ATCC 9595	
Inoculum (cfu) 10-100	Growth : Good	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	>=10 ³ , Growth : Inhibited	Complies

FRM/82/11/3/49190 Rev No. 1 Date 13/03/2022

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

Sisco Research Laboratories Pvt. Ltd.
 608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
 Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800
www.srlchem.com

1/1

an ISO 9001:2015, 17025:2017, CE, GMP Certified Company

This COA has been generated electronically and it is valid without signature.