

**HiMedia Laboratories Private Limited**

C-40, Road No.21Y, MIDC, Wagle Industrial Area,  
Thane(W) - 400604 , Website : www.himedialabs.com,  
Email : info@himedialabs.com

**Certificate of Analysis, Quality and Conformity**

<b>Material Code : M369</b>	<b>Material Name :</b> Lactobacillus MRS Broth (MRS Broth)	<b>Lot No : 000539680</b>
<b>Report No.: 40001248863</b>	<b>Date of Release &amp; Report : 2022-06-20</b>	<b>Expiry Date : 2026-05</b>

**Appearance**

Cream to yellow homogeneous having a tendency to form soft lumps which can be easily broken down to powder form.  
Observed : Light yellow

**Colour and Clarity of prepared medium**

Light amber coloured, clear to slightly opalescent solution in tubes

**Reaction**

Reaction of 5.51% w/v aqueous solution at 25°C.

**pH**

pH Range :6.30-6.70 Observed : 6.69

**Cultural Response**

Cultural characteristics observed after an incubation at 35-37°C for 18- 24 hours or longer. (with 5% CO<sub>2</sub>)

Organism	Inoculum (CFU)	Growth
<b>Cultural Response</b>		
<i>Lactobacillus fermentum</i> ATCC 9338	50-100	luxuriant
<i>Lactobacillus leichmannii</i> ATCC 7830	50-100	luxuriant
<i>Lactobacillus plantarum</i> ATCC 8014	50-100	luxuriant
<i>Lactobacillus rhamnosus</i> ATCC 9595	50-100	luxuriant
<i>Lactobacillus saki</i> ATCC 15521	50-100	luxuriant
<i>Lactobacillus lactis</i> ATCC 19435 (WDCM 00016)	50-100	luxuriant
<i>Pediococcus pentosaceus</i> ATCC 33316	50-100	luxuriant

- . ATCC is a registered trade mark of the American Type Culture Collection
- . NCTC and National Collection of Type Culture are registered trade mark of the Health Protection Agency

- . All ISO 11133 : 2014/Amd.1:2018( E ) control strains are included in the Quality parameter
- . HiMedia Laboratories Pvt Ltd is Certified for ISO 9001:2015, ISO 13485:2016 , WHO GMP

. Information for BSE/TSE Risk: The material was subjected to pH ≤ 7.0 and/or a temperature in excess of 75°C for no less than 2 hours during the manufacturing process. The bovine raw material for this product was collected entirely from Indian Origin animals in a licensed based establishment. The animals are inspected under a Govt. approved veterinarian's supervision and were apparently free from infectious and contagious diseases. BSE (Bovine Spongiform Encephalopathy)/ TSE (Transmissible Spongiform Encephalopathy) and dioxine are not known to exist in India. This material does not contain, nor is derived from the specific risks material as defined in The Maharashtra Animal Preservation Act Govt. of Maharashtra, India.

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**STATUS OF THE MATERIAL : APPROVED**

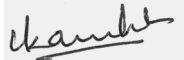
This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current HiMedia manual or product sheets. The results reported were obtained at the time of release.

**This document has been produced electronically and is valid**



Prachi Ratnakar

**Microbiologist/Sr.Executive  
Microbiologist**



Ujwala M. Kokate

**Asst./Dy/QC Manager**



Dr. Santosh Kaul

**Dy/QA Manager**

2022-06-20