



## Certificate of Analysis

Lactobacilli MRS Agar  
Catalog Number: L12-103  
Lot Number: 201009012310  
Expiration: October 2023

3651 Clipper Mill Rd.  
Baltimore, MD 21211  
Phone (410) 467-9983  
Fax (410) 467-5088

### Physical And Chemical Tests

<u>Test Parameter</u>	<u>Specification</u>	<u>Result</u>
DCM Appearance	Homogeneous, free flowing w/ soft lumps, yellow -beige to tan	Homogeneous, free flowing w/ soft lumps, yellow-beige/tan
PPM Appearance	Trace to light haze, light to medium amber	Light haze, medium amber
pH at 25 °C (7.0% solution)	6.5 +/- 0.2	6.58

### Microbiological Tests

<u>Microorganisms</u>	<u>Expected Results</u>	<u>Growth*</u>
<i>Lactobacillus casei</i> ATCC 393	Poor to very good	Very Good
<i>Lactobacillus fermentum</i> ATCC 9338	Fair to very good	Very Good
<i>Lactobacillus plantarum</i> ATCC 8014	Poor to very good	Very Good

\* The following results were obtained from type cultures after incubation at a temperature of 35°C and observed after 1 to 4 days.

### Laboratory Results: Satisfactory

Country of Manufacture:  
Testing performed by:  
Completed on:  
QC Release by:

USA  
A. Kazmi/Q.McClary/B.Henson  
10-23-20  
Abida Kazmi