

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number	BP1427
Lot Number	252270
Description	LB BROTH LENNOX
CAS Number	91079-40-2
Quality Test/Release Date	09/Jun/2025
Suggested retest date	31/Dec/2028
Country of Origin	United States
Declaration of Origin	Bovine - Porcine
BSE/TSE	This material is derived from animal sources. The raw materials are from BSE/TSE free countries but have not been tested or certified to be free of BSE/TSE.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Homogeneous, free flowing light beige powder
E.coli ATCC 23724		IN Good;Very Good;Excellent;	Very Good
E.coli ATCC 33694		IN Good;Very Good;Excellent;	Good
E.coli ATCC 33849		IN Fair;Good;Very Good;Excellent;	Good
E.coli ATCC 39403		IN Good;Very Good;Excellent	Good
E.coli ATCC 47014		IN Good;Very Good;Excellent	Good
E.coli ATCC 53868		IN Good;Very Good;Excellent	Good
pH at 25 DEGREES C (2.0% SOLUTION)		Inclusive Between 6.8 - 7.2	6.981



Harout Sahagian  
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.