



Certificate of Analysis

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Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	BP9723	Quality Test / Release Date	08/21/2019
Lot Number	195065	Expiration Date	Aug/2022
Description	LB Broth, Miller, Granulated		
Country of Origin	United States		
Chemical Origin			
BSE/TSE Comment	All bovine and porcine components in this material are of the United States of America, New Zealand or Australia origin, imported in compliance with the Code of Federal Regulations (CFR) Title 9: Animals and Animal Products part 94.1.		
Chemical Comment			

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Light beige color, average particle size between 1 to 2 mm.
APPEARANCE OF SOLUTION	REPORT		PREPARED MEDIUM IS YELLOW TO GOLD AND CLEAR TO MODERATELY HAZY
E.coli ATCC 23724		IN PASS TEST	PASS TEST
E.coli ATCC 33694		IN PASS TEST	PASS TEST
E.coli ATCC 53868		IN PASS TEST	PASS TEST
E.coli ATCC 39403		IN PASS TEST	PASS TEST
E.coli ATCC 47014		IN PASS TEST	PASS TEST
E.coli ATCC 33849		IN PASS TEST	PASS TEST

Jerusa Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis Bridgewater

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.