



Becton Dickinson and Company
 BD Diagnostic Systems
 PO Box 999
 Sparks MD 21152-0999 US

Certificate of Analysis

Product Name : BOTTLE LB BROTH LENNOX 500G
Catalog Number : 240230 **Manufacture Date** : 2011/03/17
Batch Number : 1091744
Expiration Date : 2016/03/31

01. Dehydrated Medium Appearance: Light beige, free-flowing, homogeneous
02. Solubility: 2.0% solution, soluble in distilled or deionized water
03. Solution Appearance: Light amber, clear to very slightly opalescent
04. Cultural Response: Medium was prepared per label instructions. Tubes were inoculated with the test organisms and incubated at 35 ± 2°C for 18-24 hours.

TEST ORGANISMS	ATCC®	RECOVERY
Escherichia coli (DH5)	53868	good
Escherichia coli JM 103	39403	good
Escherichia coli (HB101)	33694	good

Characteristic	Unit	Value	LowLimit	HighLimit
pH at 25°C :		7.2	6.8	7.2
Bulk Lot Number:	-	1061534		

Animal Source	Country of Origin	Tissue Category		
		BIC	SIC	ABC
Bovine	New Zealand	IV	IV	C
Porcine	USA	III	III	B

The Batch Number on this certificate is synonymous with the Lot Number shown on the product label.

BD Diagnostic Systems (BDDS) is an ISO 13485:2003 and ISO 9001:2008 Registered facility. BDDS products are manufactured in facilities registered with the United States Food and Drug Administration (FDA), and are regulated by the FDA's Quality System Regulations (QSRs). This product met BDDS stringent quality standards at time of batch/lot release. Any test results reported on this certificate were obtained at time of release.

BD Diagnostic Systems' Certificates of Analysis (COA) typically are set up to contain animal origin information for finished products manufactured using materials of animal origin. The animal origin information may be contained in the animal source table and/or in one or more of the additional paragraphs found on the COA. This information is a compilation of animal origin data from the individual



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lots of raw materials used to manufacture the batch of BD Diagnostic Systems (BDDS) finished product for which the COA was created.

At the time the BDDS Certificate of Analysis is created and sent to the Internet website address at <http://www.bd.com/regdocs/>, the animal origin information as provided to BDDS by its suppliers is pulled into the certificate as it is created by the BDDS automated certificate system.

At times, suppliers notify BDDS of new and/or additional information they have received from their raw material suppliers that modifies the animal origin information for lots previously provided to BDDS. When this situation occurs, BDDS updates the animal origin information in the automated certificate system, recreates the affected finished product COAs for batches within expiration date, and sends them to the Internet website where they replace the prior certificate and are immediately available to customers.

Customers enrolled in BD Diagnostic Systems' Automated Change Notification Program will be notified of the changes described above.

For complete details refer to "BD Position Statement - BD Diagnostic-Diagnostic Systems, COA Animal Origin Information Position Statement", located on the Internet website address at <http://www.bd.com/regdocs/>.

John Gerlich
Vice President,
Quality Management and
Regulatory Compliance
Signature Date: 2011/04/20