



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

# Certificate of Analysis

**Product Name** : BOTTLE BRAIN HEART INFUSION 500G  
**Catalog Number** : 237500 **Manufacture Date** : 2011/03/08  
**Batch Number** : 1087244  
**Expiration Date** : 2016/03/31

- 01. Dehydrated Medium Appearance: Light tan, free-flowing, homogeneous
- 02. Solubility: 3.7% solution, soluble in distilled or deionized water
- 03. Solution Appearance: Light to medium amber, clear
- 04. Cultural Response: Medium was prepared per label instructions. Tubes were inoculated with the test organisms and incubated at 35 ± 2°C for 18-48 hours.

TEST ORGANISMS	ATCC®	RECOVERY
Neisseria meningitidis	13090	good
Streptococcus pneumoniae	6305	good
Streptococcus pyogenes	19615	good

Characteristic	Unit	Value	LowLimit	HighLimit
Loss on Drying :	%	2.0	0.0	5.0
pH at 25°C :		7.5	7.2	7.6
Bulk Lot Number:	-	1066717		

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



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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 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: 2011/04/18