BD   Certificate of Analysis

Product Name	: Tube Lowenstein-Jensen Med Sl A 100 Ea
Catalog Number	: 220909 **Manufacture Date**: 2018/04/20
Batch Number	: 8095875
Expiration Date	: 2019/09/28

01 Slant Appearance: Light green to light blue green
02 Biological Performance: Samples were inoculated with
    1000 to 3000 CFUs of the test organisms, incubated at
    35 ± 2°C for 21 days and gave cultural results as indicated.

CULTURE	ATCC®	RESULT
Mycobacterium tuberculosis	25177	Fair to heavy growth
Mycobacterium kansasii	12478	Moderate to heavy growth
Mycobacterium scrofulaceum	19981	Moderate to heavy growth
Mycobacterium intracellulare	13950	Moderate to heavy growth
Mycobacterium fortuitum	6841	Moderate to heavy growth

Characteristic	Unit	Value	Lower Limit	Upper Limit
pH at 25°C :		7.1	6.8	7.2

Animal source	Country of Origin	Tissue Category		
		BIC	SIC	ABC
Avian	USA	IV	IV	NDF

The Batch Number on this certificate is synonymous with the Lot Number shown on the product label.
BD Diagnostics - Diagnostic Systems products are manufactured in ISO 9001:2008 Registered facilities. In addition, BD Diagnostics - Diagnostic Systems facilities are registered with the United States Food and Drug Administration (FDA), are regulated by the FDA's Quality System Regulations (QSRs), and are also ISO 13485:2003 Registered. 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. This material is not for human or animal consumption.
BD Diagnostics - Diagnostic Systems' Certificates of Analysis (COA) typically contain animal origin information when products are manufactured using materials of animal origin. This information may be contained in the animal source table and/or in one or more of the additional paragraphs found on the COA. Following Quality Control release, the COA is created and published at http://www.bd.com/regdocs. For each batch of finished product that contains animal origin raw materials, the COA shows the animal origin data from the individual lots of animal origin raw materials used, as provided by the raw material suppliers.

Certificate of Analysis

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

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At times, suppliers notify BD Diagnostics - Diagnostic Systems 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 BD. See "COA Animal Origin Information Position Statement" located at http://www.bd.com/regdocs under "Position Statements" for the impact that retrospective information has on COAs and on customers enrolled in the BDDS and BDAB Automated Change Notification Program.

For complete details on animal origin information, refer to "BD Position Statement - BD Diagnostic-Diagnostic Systems, COA Animal Origin Information Position Statement", at http://www.bd.com/regdocs under "Position Statements".

Manufacturer is Becton Dickinson and Company, 7 Loveton Circle, Sparks, MD 21152 USA. To determine location of manufacturing for this product, please see www.bd.com/ds/technicalCenter/regulatory.asp.

Representative samples of this lot were tested for microbial viability and were found to be acceptable.

Stability data for this product is on file.

The pH stated was obtained at the time of release, the pH may vary depending on the age of the product and the type of pH meter and probe used.

Megan Reeher
Senior Manager Quality Assurance