

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Amoxicillin

Catalog Number: 190145

Lot: 2488H

Formula: C₁₆H₁₉N₃O₅S

CAS #: 26787-78-0

Physical Description: White Powder

Formula Weight: 365.40 (anhyd)

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □ max (ethanol)	230 - 232, 274 - 276 nm	230.5, 275.5 nm
Moisture	~13.0%	13.3% (KF)

Solubility (50 mg/ml in 1M Ammonium Hydroxide) - clear, colorless
Potency 984 µg/mg

03/01/2004 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)