

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Amoxicillin Trihydrate

Catalog Number: 190145

Lot: YC0807

Formula: C₁₆H₁₉N₃O₅S·3H₂O

CAS #: 61336-70-7

Physical Description: White Powder

Formula Weight: 419.4

Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes

Specific Rotation: +301°

pH: 5.1

Max Single Impurity: 0.04%

Total Impurities: 0.042%

Amoxicillin Polymer: 0.0010%

Water: 13.2%

Residue On Ignition: 0.050%

Methanol: 0.06%

Total Aerobic Plate Count: Not Detected

Yeasts And Molds: Not Detected

E. coli: Not Detected

Particle Size-D50: 30.8um

Particle Size-D90: 74.7um

Assay: 99.9%

Recommended Retest Date (MM/DD/YYYY): 04/08/2024

08/24/2022 - Lily Liu
MP Biomedicals, LLC.
QM

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<http://www.mpbio.com>

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)