

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Streptomycin Sulfate

Catalog Number: 100556

Lot: 9319K

Formula: C₄₂H₈₄N₁₄O₃₆S₃

CAS #: 3810-74-0

Physical Description: White Powder

Formula Weight: 1457.38

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Activity	≥650 u/mg	764 u/mg
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤7.0%	4.8%
Solubility (4% aq soln)	Clear, Colorless Solution	Clear, Colorless Solution
Expiration Date	Month/Day/Year	11/30/2014

pH: 5.7

Streptomycin B: <3.0%

Sulphated Ash: 0.5%

Sulphate: 19.1%

Colorimetric Test: 100.3%

Bacterial Endotoxins: <0.251 U/mg

Abnormal Toxicity: 1 mg/0.5 ml

Sodium Metabisulphite: 0.018%

Christina Marotta

01/12/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document
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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)