

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Streptomycin Sulfate

Catalog Number: 100556

Lot: 5820F

Formula: $C_{42}H_{84}N_{14}O_{36}S_3$

CAS #: 3810-74-0

Physical Description: White Powder

Formula Weight: 1457.38

Storage: +4°C, protect from light

Test	Specification	Result
Identity Test	Passes	Pass
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	$\leq 7.0\%$	3.98%
Activity	≥ 650 u/mg	769 u/mg
Solubility (4% aq soln)	Clear, Colorless Solution	Pass
Expiration Date	Month/Year	8/31/06

pH: 5.83

Sulphate: 19.04%

Colorimetric Test: 98.50%

Sulphated Ash: 0.51%


12/20/2002 - 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)