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Certificate of Analysis

Product Description: Streptomycin Sulfate
Catalog Number: 100556
Lot: M6029**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

Test	Specification	Result
Identity Test	Passes	Passes
Activity	≥650 u/mg	760 u/mg (dried substance)
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤7.0%	4.3%
Solubility (4% aq soln)	Clear, Colorless Solution	Clear, Colorless Solution
Expiration Date	Month/Day/Year	12/31/2016

Identification A, B, C, D, E (Ph Eur 7.0): Complies

Appearance of Solution:

- Clarity: <1#

- Color: 6#

pH: 5.9

Streptomycin B: <3%

Sulfated Ash: 0.5%

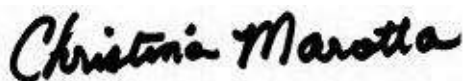
Sulfate: 19.5%

Colorimetric Test: 97.3%

Bacterial Endotoxins: <0.251 u/mg

Abnormal Toxicity: 1 mg/0.5 ml

Sodium Metabisulfite: 0.016%

02/18/2013 - Christina Marotta
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)