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Certificate of Analysis

Product Description: Spectinomycin Sulfate
Catalog Number: 158993
Lot: MR31103**Formula:** C₁₄H₂₄N₂O₇·H₂SO₄
CAS #: 23312-56-3
Physical Description: White Powder**Formula Weight:** 430.4
Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	98%
FTIR	Conforms to Reference	Conforms to Reference
Melting Point	189-196°C	192.6°C

Specific Optical Rotation: +12°

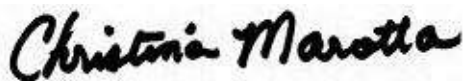
Residue on Ignition: 0.1%

pH: 4.7

Crystallinity: Conforms

Potency (as-is): 522 µg/mg

Loss on Drying: 11.62%

02/03/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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