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## Certificate of Analysis

**Product Description:** Spectinomycin Dihydrochloride Pentahydrate

**Catalog Number:** 152067

**Lot:** R26259

**Formula:** C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>·2HCl·5H<sub>2</sub>O

**CAS #:** 22189-32-8

**Physical Description:** White Powder

**Formula Weight:** 495.36

**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Streptomyces</i> sp.	<i>Streptomyces</i> sp.
Potency	≥500 µg/mg	791 µg/mg
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	<20%	17.6%
Optical Rotation	Positive	+19°
Heavy Metals	≤0.005%	<0.002%
Expiration Date	Month/Year	9/30/2011

*Christina Marotta*

09/23/2009 - 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)