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## Certificate of Analysis

**Product Description:** Amikacin\_  
**Catalog Number:** 150342\_  
**Lot:** R26709\_

**Formula:** C<sub>22</sub>H<sub>43</sub>N<sub>5</sub>O<sub>13</sub>  
**CAS #:** 37517-28-5  
**Physical Description:** Off-white powder

**Formula Weight:** 585.61  
**Storage:** +4°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Potency	~900 µg/mg	948 µg/mg
pH (1% aq soln)	9.5 - 11.5	10.8
Loss on Drying	≤9%	6.3%
Expiration Date	Month/Day/Year	12/31/2011

Optical rotation: +99°  
Sulphated ash: 0.12%  
Related substances: Conforms to CP2005  
Bacterial endotoxin: Conforms to CP2005  
Color and clarity of solution: Conforms to CP2005

*Christina Marotta*

12/09/2009 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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