



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Paromomycin Sulfate  
**Catalog Number:** 156056  
**Lot:** 8932H

**Formula:**  $C_{23}H_{45}N_5O_{14} \cdot xH_2SO_4 \cdot xH_2O$   
**CAS #:** 1263-89-4  
**Physical Description:** Off-white Powder

**Formula Weight:** 615.6 (as free base)  
**Storage:** Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	$\geq 97\%$	98.4%
FTIR	Conforms to Reference	Conforms to Reference
Potency	$>675 \mu\text{g}/\text{mg}$	$689 \mu\text{g}/\text{mg}$

Loss on Drying: 3.2%

pH: 5.3

Residue on Ignition: 0.65%

Sieve Test: 100%

Specific Rotation:  $+50.3^\circ$

11/17/2005 - Robert Beattie

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)