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## Certificate of Analysis

**Product Description:** Paromomycin Sulfate  
**Catalog Number:** 156056  
**Lot:** 7601J

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

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

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 97\%$	97.4%
FTIR	Conforms to Reference	Conforms to Reference
Potency	$>675 \mu\text{g}/\text{mg}$	$735 \mu\text{g}/\text{mg}$

Specific Rotation (USP28):  $+51^\circ$   
pH (USP28): 6.0  
Loss on Drying: 3.7%  
Residue on Ignition: 0.5%  
Density: 0.31 g/ml  
Sieve Test (USS40): 100%

12/21/2007 - Robert Beattie  
MP Biomedicals, LLC.  
Technical Director

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