




**Product:** **Gentamicin Sulfate**  
Powder


**Catalog #: 400-100P**  
**Lot #: F86S14J**

**Manufacture Date: Jun 2018**  
**Expiration Date: Jun 2022**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Biological Testing</b>			
Assay	Anhydrous basis	≥ 590 µg/mg	669 µg/mg
<b>Physical Testing</b>			
Identification		Positive	Positive
pH @ RT		3.5-5.5	4.8
Loss on drying		≤ 18.0%	8.6%
Residue on ignition		≤ 1.0%	0.5%
Limit of methanol		≤ 1.0%	Nil
Specific rotation		+107° - +121°	+117°
Content of Gentamicins		C1: 20.0% to 50% C1a: 10.0% to 35.0% C2+C2a: 25.0% to 55.0%	26.8% 25.5% 47.7%

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.*

  
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