



**GEMINI**  
BIO-PRODUCTS

# Certificate of Analysis

Created February 11, 2021

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

**Catalog #: 400-100P**  
**Lot #: F021009**

**Recertification Date: Jan 2023**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Biological Testing</b>			
Potency		$\geq 590 \mu\text{g}/\text{mg}$	612 $\mu\text{g}/\text{mg}$
<b>Physical Testing</b>			
Identification		Positive	Positive
pH @ RT		3.5-5.5	4.50
Loss on drying		NMT 18.0%	6.55%
Residue on ignition		NMT 1.0%	0.24%
Limit of methanol		NMT 1.0%	<1.0%
Specific rotation		+107° - +121°	+116.8°
Content of Gentamicin		C1a: 10.0% to 35.0%	23.7%
		C2+C2a: 25.0% to 55.0%	48.8%
		C1+C2b: 25%-50%	27.5%

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

 11 FEB 2021

Created by/ date

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Verified by/ date