



**CERTIFICATE OF ANALYSIS**  
**Gentamicin Sulfate Powder**  
**(Catalog Number 400-100P)**

**Lot Number:** F324008

**Storage Temperature:** 2°C – 8°C

**Recertification Date:** Feb2028

For Cell culture, further Manufacturing or Research use only. Not for direct Therapeutic Use.

Test	Methodology	Specification	Analysis
Biological Testing			
Potency		≥ 590µg/mg	688 µg/mg
Physical Testing			
Identification		Positive	Positive
pH		3.5-5.5	5.2
Loss on Drying		≤ 18.0%	8.0%
Residue on Ignition		≤ 1.0%	0.2%
Limit of Methanol		≤ 1.0%	<1%
Specific Rotation		+107° - +121°	+118°
Content of Gentamicin		C1a: 10.0% - 35.0%	18%
		C2a+C2: 25.0% - 55.0%	46%
		C1 + C2b: 25.0% - 50.0%	36%

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Korrina Nicewonger  
Name

QA Associate II  
Title

26 JUL 2024  
Date