



CERTIFICATE OF ANALYSIS
Gentamicin Sulfate
(Catalog Number 400-100P-10.0)

Lot Number: 251938-290639

Product Expiry: Feb2028

Storage Temperature: Room temperature

For cell culture, further manufacturing or research use only. Not for direct therapeutic use.

Test	Specification	Analysis
Biological Testing		
Assay (dried basis)	$\geq 590 \mu\text{g}/\text{mg}$	691 $\mu\text{g}/\text{mg}$
Physical Testing		
Identification B (Sulfate)	Positive	Passed
pH	3.5 – 5.5	5.0
Loss on Drying	$\leq 18.0\%$	8.8%
Residue on Ignition	$\leq 1.0\%$	0.2%
Methanol	$\leq 1.0\%$	< 1.0%
Specific Optical Rotation	$+107^\circ - +121^\circ$	$+118^\circ$
Content of Gentamicins		
C ₁ + C _{2b}	25% – 50%	35%
C _{1a} :	10% – 35%	21%
C ₂ + C _{2a}	25% – 55%	44%

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.

Alejandra Peña
Name

27 JUL 2026
Date

QA Associate II
Title