



## CERTIFICATE OF ANALYSIS

### G-418 Disulfate

#### Powder

(Catalog Number 400-111P-5.0)

Lot Number: 222218-265547

Product Expiry: Feb2027

Storage Temperature: 2-8°C

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

Test	Specification	Analysis
Appearance	White Powder	White Powder
Absorbance @ 280 nm (1 mg/mL in H <sub>2</sub> O)	≤ 0.015 nm	< 0.015 nm
Absorbance @ 570 nm (100 mg/mL in H <sub>2</sub> O)	≤ 0.10 nm	< 0.10 nm
Ammonia	≤ 1.0 %	< 1.0 %
HPLC (Purity)	Report (%)	91.4 %
Loss on Drying	≤ 10.0 %	6.3 %
pH	5.0 – 6.0	5.5
Potency (Dry basis)	≥ 700 µg/mg	758 µg/mg
Purity (TLC-Spot)	≤ 3 Spots	< 3 spots
Solubility (100 mg/mL in H <sub>2</sub> O)	Colorless Solution	Colorless Solution

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

28 AUG 2025  
Date

QA Associate II  
Title