



CERTIFICATE OF ANALYSIS

G-418 Disulfate

Powder

(Catalog Number 400-111P-1.0)

Lot Number: 211902-294592

Product Expiry: 02/2029

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	Passed
Absorbance @ 280 nm (1 mg/mL in H ₂ O)	≤ 0.015 nm	0.003 nm
Absorbance @ 570 nm (100 mg/mL in H ₂ O)	≤ 0.10 nm	0.03 nm
Ammonia	≤ 1.0 %	< 1.0 %
HPLC (Purity)	Report (%)	91.4 %
Loss on Drying	≤ 10.0 %	5.3 %
pH	5.0 – 6.0	5.5
Potency (Dry basis)	≥ 700 µg/mg	750 µg/mg
Purity (TLC-Spot)	≤ 3 Spots	Conforms
Solubility (100 mg/mL in H ₂ O)	Colorless Solution	Passed

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.

Karen Zuniga

Name

04SEP2020

Date

QA Specialist

Title