

Certificate of Analysis

Date of Testing: 2024-11-07 15:44:53

Date of Next Testing: 2028-11-06 15:44:53

Product Name: **G 418 disulfate salt**

CAS Number: 108321-42-2

Specifications & Purity: potency: ≥650 ug per mg

Lot #: J2430143

SKU #: **G110917**

Version: **0**

Analysis #: **132600**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	30-35.4 (%)	30.11 %
Water by Karl Fischer	0-12 (%)	5.45 %
Specific Rotation [α] ₂₀ /D(c=0.3 in H ₂ O)	105-115 (°)	105.26 °
Purity(HPLC)	90-100 (%)	99.95100 %
potency (dry basis)	≥650 (μg/mg)	725.00 μg/mg
Nitrogen by Elemental Analysis (anhydrous)	7.13-8.25 (%)	7.53 %
Appearance (G110917)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager