

## Certificate of Analysis

Date of Testing: 2024-01-09 15:19:35  
Date of Next Testing: 2027-01-08 15:19:35  
Product Name: **G 418 disulfate salt**  
CAS Number: 108321-42-2  
Specifications & Purity: powder, BioReagent, suitable for cell culture  
Lot #: A2408521  
SKU #: **G431375**  
**Analysis:** **309303**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer potency (dry basis)	0-12 (%) ≥720 (µg/mg)	2.18 % 809.00 µg/mg
Appearance(G431375)	White to off-white Powder	White to Off-White Powder
Solubility, Clear 100 mg/mL, H <sub>2</sub> O	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su  
QA & QC Manager