

## Certificate of Analysis

Date of Testing: 2024-01-09 15:01:08  
Date of Next Testing: 2027-01-08 15:01:08  
Product Name: **G 418 disulfate salt**  
CAS Number: 108321-42-2  
Specifications & Purity: powder, BioReagent, suitable for cell culture  
Lot #: A2408522  
SKU #: **G431375**  
**Analysis:** **309303**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                     | Limit Values              | Result                    |
|---|---------------------------|---------------------------|
| Water by Karl Fischer<br>potency (dry basis)  | 0-12 (%)<br>≥720 (µg/mg)  | 2.18 %<br>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                      |



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