

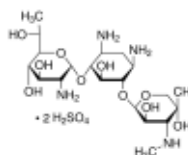
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Product Specification

Product Name:
G 418 disulfate salt - potency: ≥ 450 μg per mg (dried basis)

Product Number: G5013
CAS Number: 108321-42-2
MDL: MFCD00058314
Formula: C₂₀H₄₀N₄O₁₀ · 2H₂SO₄
Formula Weight: 692.71 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
50 mg/mL, H ₂ O	
Water (by Karl Fischer)	≤ 12 %
Carbon (anhydrous)	30.0 - 35.4 %
Nitrogen (anhydrous)	7.8 - 8.6 %
Potency (Dried basis)	≥ 450 $\mu\text{g}/\text{mg}$
Recommended Retest Period	-----
2 years	

Specification: PRD.4.ZQ5.10000015529

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.