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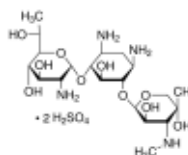
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## Product Specification

Product Name:  
G 418 disulfate salt - plant cell culture tested, BioReagent

**Product Number:** G1279  
**CAS Number:** 108321-42-2  
**MDL:** MFCD00058314  
**Formula:** C<sub>20</sub>H<sub>40</sub>N<sub>4</sub>O<sub>10</sub> · 2H<sub>2</sub>SO<sub>4</sub>  
**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 <sub>2</sub> O	
Water (by Karl Fischer)	≤ 12 %
Carbon (anhydrous)	30.0 - 35.4 %
Nitrogen (anhydrous)	7.8 - 8.6 %
Potency (Dried basis)	≥ 450 µg/mg
Recommended Retest Period	-----
2 years	
Plant Cell Culture Test	Pass

Specification: PRD.2.ZQ5.10000015527

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](http://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.