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Certificate of Analysis

Product Description: G418 Sulfate Solution_

Catalog Number: 1672546; 1672548_

Lot: R23034_

Formula: $C_{20}H_{40}O_{10}N_4 \cdot 2H_2SO_4$

CAS #: 108321-42-2

Physical Description: Clear, Colorless Solution

Formula Weight: 692.7

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Potency ($\mu\text{g}/\text{mg}$)	For Information Only	736 $\mu\text{g}/\text{mg}$
Concentration (active G418 sulfate)	50 \pm 1 mg/ml	50 mg/ml
Concentration (total G418 Sulfate)	Report Result (mg/ ml)	64.56 mg/ml
Expiration Date	Month/Day/Year	5/31/2008

Ammonia: <1.0%

Specific Rotation: +118°

Absorbance:

280 nm: 0.007

570 nm: 0.02

02/13/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)