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Certificate of Analysis

Product Description: Geneticin Disulfate Salt
Catalog Number: 158782_
Lot: 1772F_

Formula: C₂₀H₄₀N₄O₁₀·H₂SO₄
CAS #: 108321-42-2
Physical Description: White Powder

Formula Weight: 692.7
Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Potency	>450 µg/mg	821 µg/mg
Purity	~98%	95.6%
FTIR	Conforms to Reference	Conforms to Reference
OD280 (0.1% aq soln)	<0.015	0.015
OD570 (10.0% aq soln)	<0.10	0.100

Specific Rotation: + 112 °
pH: 4.10


03/21/2002 - Joseph Dietz, Ph.D.
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)