



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Geneticin® Disulfate Salt, cell culture grade.

Catalog Number: 158782_

Lot: 7768H_

Formula: C₂₀H₄₀N₄O₁₀·2(H₂SO₄)

CAS #: 108321-42-2

Physical Description: White Powder

Formula Weight: 692.7

Storage: +4°C

Test	Specification	Results
Identity Test	Passes	Passes
Potency	≥450 µg/mg	734 µg/mg
Purity	~98%	Passes
FTIR	Conforms to Reference	Conforms to Reference
OD280 (0.1% aq soln)	<0.015	0.002
OD570 (10.0% aq soln)	<0.10	0.02

Specific Optical Rotation : +120° C

Water : 5.8%

NH⁺ : < 1.0 %

pH 5.8

07/14/2005 - 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)

