



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

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

Catalog Number: 158782.

Lot: 6066H.

Formula: C₂₀H₄₀N₄O₁₀·2(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	>720 µg/mg
Purity	~98%	~98%
FTIR	Conforms to Reference	Conforms to Reference
OD280 (0.1% aq soln)	<0.015	<0.001
OD570 (10.0% aq soln)	<0.10	<0.01

Moisture: <2.7%

Optical Rotation: +104 -121°

pH: ~5.5


01/03/2005 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)