

**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
Catalog Number: 158782_
Lot: 1579A_

Formula: $C_{20}H_{40}N_4O_{10}$

CAS #: 108321-42-2

Physical Description: White powder

Formula Weight: 692.7

Storage: +4°C

Test	Specification	Results
Potency	>450 ug/mg	840 ug/mg
FTIR	Conforms to standard	Passes
OD280(0.1% aq.)	<0.015	0.011
OD570 (10.0% aq.)	<0.10	0.072
Optical rotation (c=1)	+123° +/- 5	121.7
Purity	98 +/- 3%	95.6%
Water content	<10%	4.7%

02/21/1998 - 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)