



MP Biomedicals, LLC

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Certificate of Analysis

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

Catalog Number: 158782.

Lot: 5242J.

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	736 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

Water: 4.5%

pH: 5.6

Specific Optical Rotation: +113°

Ammonium: <1.0%

03/29/2007 - 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

