



MP Biomedicals, LLC

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Certificate of Analysis

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

Catalog Number: 158782_

Lot: M1119A_

Formula: C₂₀H₄₀N₄O₁₀·2(H₂SO₄)

CAS #: 108321-42-2

Physical Description: White Powder

Formula Weight: 692.7

Storage: +4°C

Water (KF): 5.8%

pH: 5.6

Specific Optical Rotation: +120°

OD280: 0.001

OD570: 0.01

NH₄⁺: <1.0%

Thin Layer Chromatogram: 1 Spot

Potency (dried basis): 747 u/mg

Solubility: Clear, Colorless Solution

03/30/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

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<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)