

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Polymixin B Sulfate, cell culture reagent

Catalog Number: 194538

Lot: 3369C

Formula: $C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$

CAS #: 1405-20-5

Physical Description: White Powder

Formula Weight: 1385.63

Storage: +4°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Potency	$\geq 6,000$ units/mg	7930 units/mg
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	223-233°C	224.2-226.1°C
pH (1% aq soln)	5 - 7	6.6
Loss on Drying	$\leq 8\%$	1.2%
Expiration Date	Month/Year	5/04

10/21/1989 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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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)