

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Protamine Sulfate, cell culture reagent

Catalog Number: 194729

Lot: 1426B

Formula: N/A

CAS #: 9009-65-8

Physical Description: White Powder

Formula Weight: N/A

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Source	Salmon Sperm	Passes
Loss on Drying	≤5%	3.5%
Sulfate	16 - 22%	19.0%
Nitrogen	22.5 - 25.5%	24.4%
Activity	≥100 USP u/mg	110 USP units/mg

Approved - 04/17/2000 by Joe Dietz

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)