

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Protamine Sulfate

Catalog Number: 102752

Lot: 1516E

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	$\leq 5\%$	3.7%
Sulfate	16 - 22%	19.1%
Nitrogen	22.5 - 25.5%	24.2%
Activity	≥ 100 USP units/mg	109 USP units/mg

Approved - 10/19/2000 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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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)