



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Thrombin, Bovine, High Purity Grade.
Catalog Number: 154163.
Lot: QR15138.

Formula: N/A
CAS #: 9002-04-4
Physical Description: White Lyophilized Powder

Formula Weight: ~33,500
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine	Bovine
Activity (u/g material)	Report Result	264,421 u/g powder
Activity	#1500 NIH u/mg pro	2659 u/mg protein
Protein Concentration	~10%	9.9%
pH (1% aq soln)	7.0 ± 0.5	6.6
Moisture	Report Result	<2% (KF)
Expiration Date	Month/Day/Year	10/24/2020

Salt environment: sodium chloride, mannitol
Recommended diluent for reconstitution: 0.9% NaCl

02/09/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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<mailto:biotech@mpbio.com>
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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)