



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Bovine Thrombin, Low Specific Activity, Diagnostic Use\_  
**Catalog Number:** 199907\_  
**Lot:** Q5443\_

**Formula:** N/A  
**CAS #:** 9002-04-4  
**Physical Description:** Off-white Solid

**Formula Weight:** N/A  
**Storage:** -10°C

Test	Specification	Result
Identity Test	Passes	Passes
Exipients	For Information Only	Tris, NaCl, HCl
pH	7.0 - 8.0	7.5
Protein	#50%	94%
Activity	Report u/mg solid	112 u/mg powder
Specific Activity	90 - 300 u/mg protein	119 u/mg protein

Date of Manufacture: 10/25/2016  
Origin: New Zealand  
Thrombin dosage: 540 ku  
Recommended Retest Date: 10/24/2019

11/16/2016 - 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  
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