

**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

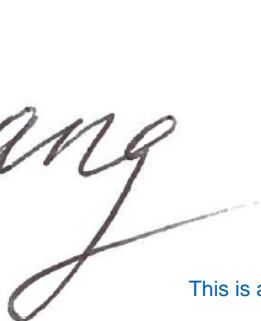
**Product Description:** Bovine Thrombin, Low Specific Activity, Diagnostic Use\_  
**Catalog Number:** 199907\_  
**Lot:** 8203\_

<p><b>Formula:</b> N/A <b>CAS #:</b> 9002-04-4 <b>Physical Description:</b> Off-white to Light Beige Powder or Solid</p>	<p><b>Formula Weight:</b> N/A <b>Storage:</b> -20°C</p>
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Test	Specification	Result
Identity Test	Passes	Passes
Exipients	For Information Only	Tris, HCl, NaCl
pH	7.0 - 8.0	7.3
Protein	#50%	89%
Activity	Report u/mg solid	156 u/mg solid
Specific Activity	90 - 300 u/mg protein	175 u/mg protein

Date of Manufacture: 09/10/2018  
Origin: New Zealand  
Thrombin dosage: 500 KU  
Recommended Retest Date: 09/09/2021

10/11/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager



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