



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Bovine Thrombin, Low Specific Activity, Diagnostic Use.

**Catalog Number:** 199907.

**Lot:** 2096.

**Formula:** N/A

**CAS #:** 9002-04-4

**Physical Description:** Dark Yellow Solid

**Formula Weight:** N/A

**Storage:** -10°C

Test	Specification	Result 500KU or 250KU	Result 100KU
Identity Test	Passes	Passes	Passes
Exipients	For Information Only	Tris, NaCl, HCL	Tris, NaCl, HCL
pH	7.0 - 8.0	7.7	7.6
Protein	#50%	91%	91%
Activity	Report u/mg solid	135.2 u/mg powder	140.3 u/mg powder
Specific Activity	90 - 500 u/mg protein	149 u/mg protein	155 u/mg protein

Date of Manufacture: 6/28/2012

Recommended Retest Date: 6/30/2017

Origin: New Zealand

Thrombin dosage: (500 KU) 512 037 u/vial, (250 KU) 256 019 u/vial, (100 KU) 102 625 u/vial

*Christina Marotta*

08/22/2012 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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