



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Aprotinin, cell culture reagent  
**Catalog Number:** 194559  
**Lot:** MR30363

**Formula:** N/A  
**CAS #:** 9087-70-1  
**Physical Description:** Off-white Powder

**Formula Weight:** N/A  
**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine Lung	Bovine Lung
Activity	~4 inhibitor u/mg	4.16 inhibitor u/mg
Activity	Record Result (KIU/mg)	6236 KIU/mg
pH (1% aq soln)	5.0 - 7.0	6.4
Water Content	≤6%	1.6%
UV/VIS: □□ max (water)	277 ± 5 nm	277.5 nm

Unit definition: the quantity of protease inhibitor that has the ability to inhibit 2 Kallikrein units by 50% under optimal conditions.

1 inhibitor unit = 1500 KIU

Abnormal Toxicity: Qualified  
Pyrogen: Qualified  
Clarity (2 mg/ml): Qualified  
Absorption: 0.76 (Qualified)  
High Molecular Protein: Qualified  
Histamine Base: Qualified  
Sterility: Qualified

*Christina Marotta*

05/02/2013 - Christina Marotta

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)