



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Aprotinin, cell culture reagent  
**Catalog Number:** 194559\_  
**Lot:** MR31843\_

**Formula:** N/A  
**CAS #:** 9087-70-1  
**Physical Description:** Lyophilized 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	4.19 inhibitor u/mg
Activity	Record Result (KIU/ mg)	6293 KIU/mg
pH (1% aq soln)	5.0 - 7.0	6.3
Water Content	≤6%	1.5%
UV/VIS: □□ max (water)	277 ± 5 nm	277 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*

09/18/2014 - 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

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