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## Certificate of Analysis

**Product Description:** Aprotinin, analytical grade\_  
**Catalog Number:** 190382\_  
**Lot:** 2959K\_

**Formula:** C<sub>284</sub>H<sub>432</sub>N<sub>84</sub>O<sub>79</sub>S<sub>7</sub>

**CAS #:** 9087-70-1

**Physical Description:** Lyophilized White Powder

**Formula Weight:** 6512.42

**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine Lung	Bovine Lung
Activity	~6000 KIU/mg	6366 KIU/mg
pH (1% aq soln)	5.0 - 7.0	6.2
Water Content	≤6%	2.1%
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.

Abnormal toxicity: Qualified

Pyrogen: Qualified

Clarity (2mg/ml): Qualified

Absorption: 0.76

High Molecular Protein: Qualified

Histamine Base: Qualified

Sterility: Qualified

Conforms to BP2000

02/03/2009 - Robert Beattie

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)