



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: Aprotinin, cell culture reagent
Catalog Number: 194559_
Lot: MR29859_

Formula: N/A CAS #: 9087-70-1 Physical Description: 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	4.2 inhibitor u/mg
Activity	Record Result (KIU/mg)	6309 KIU/mg
pH (1% aq soln)	5.0 - 7.0	6.3
Water Content	≤6%	1.9%
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 Weight: Qualified
- Histamine Base: Qualified
- Sterility: Qualified

Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)