



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, analytical grade_
Catalog Number: 190382_
Lot: M6172_

Formula: C₂₈₄H₄₃₂N₈₄O₇₉S₇ **Formula Weight:** 6512.42
CAS #: 9087-70-1 **Storage:** +4°C
Physical Description: Off-white Powder

Test	Specification	Result
Identity test	Passes	Passes
Source	Bovine Lung	Bovine Lung
Activity	~6000 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.

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

03/15/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

<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)