



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Leupeptin Hemisulfate\_  
**Catalog Number:** 151553\_  
**Lot:** 3387F\_

**Formula:** C<sub>20</sub>H<sub>38</sub>N<sub>6</sub>O<sub>4</sub>·½H<sub>2</sub>SO<sub>4</sub>  
**CAS #:** 103476-89-7  
**Physical Description:** White Powder

**Formula Weight:** 475.60  
**Storage:** -20°C, desiccate, protect from light

Test	Specification	Result
Identity Test	Passes	Passes

Purity: >96.5% (HPLC)  
Specific Rotation (c=1, water): -72.3°

  
06/20/2002 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC.  
Technical Director

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