



**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:** Leupeptin Hemisulfate  
**Catalog Number:** 151553  
**Lot:** QR15140

**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 Lyophilized Powder

**Formula Weight:** 475.60

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

Test	Specification	Result
Identity Test	Passes	Passes

Leupeptin (HPLC): >96.5%

FTIR: Conforms to standard

Recommended Retest Date: 08/26/2018

02/16/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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<http://www.mpbio.com>

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