

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Cathepsin G_
Catalog Number: 191344_
Lot: 1325F_

Formula: N/A
CAS #: 107200-92-0
Physical Description: White Solid

Formula Weight: 23,500
Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Human Neutrophils	Human Neutrophils
Purity	≥95%	95%
Activity	2-4 u/mg protein	2.0 u/mg

Unit definition: One unit of activity is defined as the amount of enzyme that hydrolyzes one μ mole of Suc-ala-ala-pro-phe-pNA (1mM) per minute 25°C in pH 7.5., with 1.6 M NaCl.

Recommended reconstitution: 50 mM Na Acetate, pH 5.5, with 150 mM NaCl as the buffer to be added to the salt-free lyophilized solid.

Prepared from whole blood shown to be nonreactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

01/30/2002 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.
Technical Director

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