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Certificate of Analysis


Product Description: Cathepsin G_
Catalog Number: 191344_
Lot: 1539C_**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 |
| Activity | 2-4 units/mg protein | 2-4 units/mg protein |
| Purity | >95% | >95% |
| Source | Human Neutrophils | Human Neutrophils |

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 100 mM Tris HCl, pH 7.5, with 500 mM 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, ant-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Approved - 07/26/99 by Joe Dietz
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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