

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Elastase, 2× crystallized  
**Catalog Number:** 100617  
**Lot:** M4595

**Formula:** N/A  
**CAS #:** 9004-06-2  
**Physical Description:** Milky Solution

**Formula Weight:** ~25,000  
**Storage:** +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Porcine Pancreas	Porcine Pancreas
Activity	≥50 u/mg protein	75.1 u/mg protein
Activity (u/ml)	Record Result	3777 u/ml
Concentration (mg/ml)	Record Result	50.3 mg/ml
Supplied in	Record Result	aqueous suspension with 0.01% NaN <sub>3</sub>

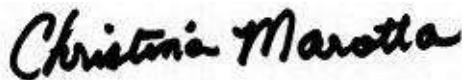
Unit Definition: One unit will solublize 1 mg of elastin in 20 minutes at 37°C, pH 8.8.

Chymotrypsin Activity: 0.08 u/mg protein

Chymotrypsin Concentration: 0.0011 mg protein/ml

Trypsin Activity: 0.0038 u/mg protein

Trypsin Concentration: <0.001 mg protein/ml



08/10/2012 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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