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Certificate of Analysis

Product Description: Elastase, 2× crystallized
Catalog Number: 100617
Lot: M3777**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 ₃

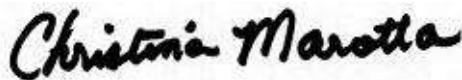
Unit Definition: One unit will solublize 1 mg of elastin in 20 minutes at 37°C, pH 8.8.

Chymotrypsin Activity: 0.07 u/mg protein

Chymotrypsin Concentration: 0.0011 mg protein/ml

Trypsin Activity: 0.0036 u/mg protein

Trypsin Concentration: <0.001 mg protein/ml



03/29/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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