



## PRODUCT SPECIFICATIONS

Clzyme AS, Catalog #005-1090

Version 16 Dec 2016

**Product:** Aseptically dispensed mixture of purified Class 1 and Class 2 Collagenase from *C. histolyticum* and purified Neutral Protease from *P. polymyxa*

Lot #	SPECIFICATION	RESULT
Appearance	White lyophilized cake	Lot Specific
Total Wünsch Activity <sup>1</sup>	30 – 40 Units/Vial	Lot Specific
Total Neutral Protease Activity <sup>2</sup>	220,000 – 350,000 Units/Vial	Lot Specific
Endotoxin <sup>3</sup>	< 25.0 EU/OD 280 nm	Lot Specific
Total Collagen Degrading Activity <sup>4</sup>	Report Only	Lot Specific

**STORAGE: 2-8°C**

**DATE OF MANUFACTURE:**

**EXPIRY DATE: 2 years from date of manufacture**

<sup>1</sup> Wünsch E, Heidrich H-G. Zur quantitativen bestimmung der kollagenase. *Hoppe-Seyler's Zeitschrift Physiologische Chemie* 333 (1963);149-151

<sup>2</sup> Breite AG, et. al. Tissue Dissociation Enzyme Neutral Protease Assessment. *Transplantation Proceedings* 42 (2010);2052-54

<sup>3</sup> Charles River Endosafe® PTS Endotoxin Assay

<sup>4</sup> McCarthy RC, et. al. Development and Characterization of a Collagen Degradation Assay to Assess Purified Collagenase Used in Islet Isolation. *Transplantation Proceedings* 40 (2008); 339-342

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