



## PRODUCT SPECIFICATIONS

Collagenase Gold Plus, Catalog #011-2000

GMP Grade – For *ex vivo* Use Only

Version 2 August 2019

**Product:** Aseptically dispensed enriched *C. histolyticum* collagenase

Lot # 302190124	SPECIFICATION	RESULT
Appearance	White lyophilized cake	Lot Specific
Specific FALGPA Activity <sup>1</sup>	> 3.4 Units/mg	Lot Specific
Total FALGPA Activity <sup>1</sup>	> 1,500 Units/bottle	Lot Specific
Specific Collagen Degrading Activity <sup>2</sup>	> 30,000 Units/mg	Lot Specific
Endotoxin <sup>3</sup>	< 25.0 EU/mg	Lot Specific
Total Protein <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> Jackson, R.J., Dao, M.L. and Lim, D.V. *Journal of Microbiological Methods* (1995) 21;209-215

<sup>2</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

<sup>3</sup> Charles RiverEndosafe® nexgenPTS Endotoxin Assay

<sup>4</sup> Based on absorbance at 280 nm using an extinction coefficient of  $\epsilon^{0.1\%}=1.41$