



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 ¹	> 3.4 Units/mg	Lot Specific
Total FALGPA Activity ¹	> 1,500 Units/bottle	Lot Specific
Specific Collagen Degrading Activity ²	> 30,000 Units/mg	Lot Specific
Endotoxin ³	< 25.0 EU/mg	Lot Specific
Total Protein ⁴	Report Only	Lot Specific

STORAGE: ≤ 2-8°C

DATE OF MANUFACTURE:

EXPIRY DATE: 2 years from date of manufacture

¹ Jackson, R.J., Dao, M.L. and Lim, D.V. *Journal of Microbiological Methods* (1995) 21;209-215

² 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

³ Charles RiverEndosafe® nexgenPTS Endotoxin Assay

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