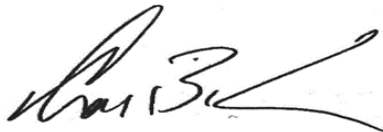


## CERTIFICATE OF ANALYSIS

<b>Material</b>	Collagenase MA GMP Grade (For <i>ex vivo</i> Use Only)		
<b>Description</b>	Aseptically dispensed mixture of purified Class 1 (60%) and Class 2 (40%) Collagenase from <i>C. histolyticum</i>		
<b>Lot Number</b>	122240502	<b>Pack Size</b>	2.5 M CDA Units
<b>Catalog Number</b>	001-2030	<b>Storage</b>	-20±5°C
<b>Date of Manufacture</b>	02 May 2024	<b>Expiry Date</b>	May 2028

TEST	ACCEPTANCE CRITERIA	RESULT
<b>Appearance</b>	White lyophilized cake	Conforms
<b>Specific Collagen Degrading Activity<sup>1</sup></b>	15,000 – 30,000 Units/mg	26,805 Units/mg
<b>Total Collagen Degrading Activity<sup>1</sup></b>	2.25 – 2.75 M Units/bottle	2,604,613 Units/bottle
<b>Endotoxin<sup>2</sup> USP &lt;85&gt;</b>	< 10.0 EU/mg	3.31 EU/mg
<b>Total Protein<sup>3</sup></b>	Report Only	97.2 mg/bottle

**Signature:**



Aaron B. Craig  
Director, Quality Assurance

**14 May 2024**

Date

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- <sup>1</sup> Based on the method 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>2</sup> Test performed on the Charles River nexgenEndosafe® PTS Endotoxin Assay system
  - <sup>3</sup> Based on absorbance at 280 nm using an extinction coefficient of  $\epsilon^{0.1\%} = 1.41$