

## **CERTIFICATE OF ANALYSIS**

## Animal Free Thermolysin, Catalog # 002-3000 GMP Grade – For *ex vivo* Use Only

**Product:** Aseptically dispensed purified protease from *Bacillus thermoproteolyticus 'rokko'* 

Lot # 231230323	SPECIFICATION	RESULT
Appearance	White lyophilized cake	White lyophilized cake
Total Neutral Protease Activity <sup>1</sup>	1,200,000 – 2,000,000 Units/vial	1,774,425 Units/vial
Endotoxin EU/mg protein <sup>2</sup>	< 50.0 EU/mg protein	12.7 EU/mg protein
Total Protein <sup>3</sup>	Report Only	6.29 mg/bottle

STORAGE: -20±5°C DATE OF MANUFACTURE: 23 Mar 2023

**EXPIRY DATE: Mar 2025** 

Signature:

Andrew Breite, Director of Quality Assurance

3 Apr 2023

Breite AG, et. al. Tissue Dissociation Enzyme Neutral Protease Assessment. Transplantation Proceedings 42 (2010);2052-54

<sup>&</sup>lt;sup>2</sup> Charles River Endosafe® PTS Endotoxin Assay

Based on absorbance at 280 nm using an extinction coefficient of  $\epsilon^{0.1\%}$ =1.10