



PRODUCT SPECIFICATIONS

Animal Origin Free Thermolysin, Catalog #002-3000

GMP Grade – For *ex vivo* Use Only

Version 2 May 2019

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

Lot #	SPECIFICATION	RESULT
Appearance	White lyophilized cake	Lot Specific
Total Neutral Protease Activity ¹	1,200,000 – 2,000,000 Units/vial	Lot Specific
Endotoxin EU/mg protein ²	< 50.0 EU/mg	Lot Specific
Total Protein ³	Report Only	Lot Specific

STORAGE: < -20°C

DATE OF MANUFACTURE:

EXPIRY DATE: 2 years from date of manufacture

¹ Breite AG, et. al. Tissue Dissociation Enzyme Neutral Protease Assessment. Transplantation Proceedings 42 (2010);2052-54

² Charles River Endosafe® PTS Endotoxin Assay

³ Based on absorbance at 280 nm using an extinction coefficient of $\epsilon=1.10$