



Pure science, defined.

CERTIFICATE OF ANALYSIS

Thermolysin, Catalog # 002-2000
For Research Use Only

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

Lot # 215160817	SPECIFICATION	RESULT
Appearance	White lyophilized cake	White lyophilized cake
Total Neutral Protease Activity ¹	> 1,200,000 Units/vial	1,613,630 Units/vial
Endotoxin EU/mg protein ²	< 50.0 EU/mg	7.76 EU/mg
Total Protein ³	Report Only	5.80 mg/bottle

STORAGE: < -20°C

DATE OF MANUFACTURE: 17 Aug 2016

EXPIRY DATE: August 2018

Signature:

Andrew Breite, Director of Quality Assurance

30 Aug 2016

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 $\epsilon = 1.10$

VitaCyte, LLC

1102 Indiana Avenue
Indianapolis, IN 46202-3206
www.vitacyte.com

Phone: 317.917.3457

Fax: 317.917.3459