



## CERTIFICATE OF ANALYSIS

BP Protease, Catalog # 003-1000  
GMP Grade – For *ex vivo* Use Only

**Product:** Aseptically dispensed purified neutral protease from *B. polymyxa*

Lot # 252170817	SPECIFICATION	RESULT
Appearance	White lyophilized cake	White lyophilized cake
Endotoxin EU/mg protein <sup>1</sup>	< 50.0 EU/mg	21.1 EU/mg
Total Neutral Protease Activity <sup>2</sup>	> 800,000 Units/bottle	1,106,407 Units/bottle
Total Protein <sup>3</sup>	Report Only	7.36 mg/bottle

**STORAGE:** < -20°C

**DATE OF MANUFACTURE:** 17 Aug 2017

**EXPIRY DATE:** August 2019

**Signature:**

Andrew Breite, Director of Quality Assurance

23 Aug 2017

<sup>1</sup> Charles River Endosafe® PTS Endotoxin Assay

<sup>2</sup> Breite AG, et. al. Tissue Dissociation Enzyme Neutral Protease Assessment. *Transplantation Proceedings* 42 (2010);2052-54

<sup>3</sup> Based on absorbance at 280 nm using an extinction coefficient of  $\epsilon=1.0$

**VitaCyte, LLC**

1341 Sadlier Circle West Drive

Indianapolis, IN 46239

www.vitacyte.com

**Phone:** 317.917.3457

**Fax:** 317.917.3459