

CERTIFICATE OF ANALYSIS

Material	Animal Origin Free (AF) Thermolysin GMP Grade (For <i>ex vivo</i> Use Only)		
Description	Aseptically dispensed purified protease from <i>Bacillus thermoproteolyticus</i> 'rokko'		
Lot Number	231250123	Pack Size	6mg
Catalog Number	002-3000	Storage	-20±5°C
Date of Manufacture (DD MMM YYYY)	23 Jan 2025	Expiry Date (MMM YYYY)	Jan 2027

TEST	ACCEPTANCE CRITERIA	RESULT
Appearance	White lyophilized cake	Conforms
Total Neutral Protease Activity¹	1,200,000 – 2,000,000 Units/bottle	1,644,020 U/bottle
Endotoxin² USP <85>	< 50.0 EU/mg	15.5 EU/mg
Total Protein³	Report Only (mg/bottle)	6.45 mg/bottle

Printed Name & Title	Signature	Date (DD MMM YYYY)
Andrew G Breite Dir of Quality Assurance		28 Feb 2025

- ¹ Based on the method of Breite AG, et. al. Tissue Dissociation Enzyme Neutral Protease Assessment. *Transplantation Proceedings* 42 (2010);2052-54
- ² Test performed on the Charles River nexgenEndosafe® PTS Endotoxin Assay system
- ³ Based on absorbance at 280 nm using an extinction coefficient of $\epsilon^{0.1\%} = 1.1$