Peptide Test Canada
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Canada's Most Trusted Independent Peptide Testing Lab

SCAN TO VERIFY
PTC-NESY96HT

Certificate of Analysis

REPORT NO. **COA-2026-SC-05124-EN**
SAMPLE ID **ENDO-KPV-136**
LOT NO. **ZB-KP10927**
ORDER NO. **PTC-960439**
ISSUED **16 Nov 2026**

Bacterial Endotoxin

KINETIC CHROMOGENIC LAL · USP <85> · RESEARCH USE ONLY

01 SAMPLE INFORMATION

INTAKE

Brand	**Prometheus**		
Compound	**KPV**	Sample type	**Lyophilised peptide**
Reconstitution	**2.5 mL endotoxin-free water**	Date received	**11 Nov 2026**

02 TEST RESULT

BELOW LOQ

ENDOTOXIN PER VIAL
Below the limit of quantitation

< 12.5 EU/vial

FDA / USP <85> endotoxin limit — K = 5 EU/kg/hr × body weight (intravenous, subcutaneous & intramuscular; 0.2 EU/kg/hr intrathecal). Maximum per recipient per hour = K × body weight.

03 EXAMPLE CALCULATION

ILLUSTRATIVE

Illustration only — recalculate with the actual body weight and dose. Not a dosing recommendation.

Body weight (example)	**70 kg**	Dose volume (example)	**1.0 mL**
Endotoxin per dose	**< 5 EU**	FDA hourly limit	**350 EU/hr**

EXAMPLE DOSE VS FDA HOURLY LIMIT — **> 70× MARGIN**

< 5 EU · example dose — **350 EU/hr · FDA limit**

< 5.00 EU/mL × 1.0 mL · 5 EU/kg/hr × 70 kg = 350 EU/hr

☒ *Within limit* **PASS**

This certificate reports the measured endotoxin content and does not assign a product pass/fail, because the limit depends on body weight and dose. Endotoxin determined by kinetic chromogenic LAL per USP <85>; threshold pyrogenic dose per FDA *Guidance for Industry: Pyrogen and Endotoxins Testing* (2012) and USP <85>.