Certificate of Analysis

Product Name	KPV (Lys-Pro-Val)		
Molecular Formula	$C_{16}H_{30}N_4O_4C_{16}$	**Batch No.**	KP20260925
Molecular Weight	342.44 Da	**Date of Producing**	2026/09/25
Date of Survey	2026/09/28	**Expire Date**	2028/09/24
Reference Standard	Enterprise Standard	**Specification**	10mg/vial

TEST	SPECIFICATION	RESULT
Appearance	White to off-white lyophilized powder	Conform
Solubility	Soluble in water	Conform
Identity By MS	342.44 ± 0.5	342.3
Water Content(Karl Fischer)	≤ 8.0%	4.5%
Acetic Acid Residue (HPLC)	≤ 15.0%	8.0%
Peptide Purity(By HPLC)	≥ 98.0%	98.5%
Related Substance(By HPLC)	Total Impurities(%) ≤ 2.0%	1.5%
	Largest Single Impurity(%) ≤ 1.0%	0.7%
Assay	95%-105%	99.2%
Bacterial Endotoxin	< 10 EU/mg	< 10 EU/mg
Conclusion: the product conforms with enterprise standard and qualified		

Research Enhanced Peptides

The product is for compliant use only.