Certificate Of Analysis

NO:026-Q87-TSX

Peptide Name	VIP		
Molecular Formula	$C_{147}H_{238}N_{42}O_{42}S$	**Manufacturing**	2026/09/07
Molecular Weight	3325.80	**Report Date**	2026/09/12
CAS No.	37221-79-7	**Re-test Date**	2028/09/07
Appearance	White to off-white powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	**Storage conditions**	-15℃ to -25℃
Sequence	HSDAVFTDNYTRLRKQMAVKKYLNSILN-NH2		

Tests	Specifications	Results
Appearance	White to off-white powder	Conforms
Solubility	Soluble in water	Conforms
Purity (HPLC)	≥ 98.0%	99. 2%
Water Content (Karl Fischer)	≤ 8.0%	4. 3%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0. 8%
	Largest Single Impurity(%) ≤ 1.0%	0. 4%
Organic Solvent Residue	Acetonitrile ≤ 0.041%	< 0.041%
Mass Spectrometry (MS)	Conforms to structure	Conforms

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang