Certificate Of Analysis

NO:026-G57-TSX

Peptide Name	Vilon		
Molecular Formula	$C_{11}H_{21}N_3O_5$	**Manufacturing**	2026/09/07
Molecular Weight	275.30	**Report Date**	2026/09/12
CAS No.	45275-58-1	**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	H-Lys-Glu-OH		

Tests	Specifications	Results
Appearance	White to off-white powder	Conforms
Solubility	Soluble in water	Conforms
Purity (HPLC)	≥ 98.0%	99. 4%
Water Content (Karl Fischer)	≤ 8.0%	4. 1%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0. 6%
	Largest Single Impurity(%) ≤ 1.0%	0. 3%
Organic Solvent Residue	Acetonitrile ≤ 0.041%	< 0.041%
Mass Spectrometry (MS)	Conforms to structure	Conforms

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Limit To Research And Submission Use
Not For Direct Human Application

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