Certificate Of Analysis

NO:026-A83-TSX

Peptide Name	FST344		
Molecular Formula	$C_{1650}H_{2560}N_{470}O_{500}S_{18}$	**Manufacturing**	2026/09/04
Molecular Weight	~37.8 kDa	**Report Date**	2026/09/09
CAS No.	828277-22-1	**Re-test Date**	2028/09/04
Appearance	White to off-white lyophilized powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-15℃ to -25℃
Sequence	Recombinant Follistatin 344 (Full-length protein sequence expressed in mammalian/expression system)		

Tests	Specifications	Results
Appearance	White lyophilized powder / cake	Conforms
Solubility	Soluble in water or PBS	Conforms
Purity(HPLC)	≥98.0%	98.6%
Assay (Protein Content)	90.0% - 110.0%	98.2%
Water Content (Karl Fischer)	≤ 5.0%	3.1%
Net Peptide Content	≥ 80.0%	84.2%
Related Substance (By HPLC)	Total Impurities(%) ≤ 5.0%	1.4%
	Largest Single Impurity(%) ≤ 2.0%	0.8%
Mass Spectrometry (MS / SDS-PAGE)	Conforms to theoretical MW (~37.8 kDa)	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