

Certification of Analysis

Product Name		ADAMX	CAS No.	
Molecular Formula		C50H69N11O11S	Batch No.	P221204-LR499419
Molecular Weight		1032.55	Manufacturing Date	14.04.2025
Storage		Cool dry place	Retest Date	14.04.2025
Sequence		Ac-Met-Glu-His-Phe-Pro-Gly-Pro-aG-NH2		
TEST		SPECIFICATION		RESULT
1	Appearance	White powder		White powder
2	Solubility	Soluble in water or acetic acid to give a clear, colorless solution		Conforms
3	Identification (MS)	1032.55 ± 1.0		1032.70
3	Amino Acid Composition	±10% of theoretical		Conforms
4	Peptide Purity (By HPLC)	≥98.0% by area integration		98.34%
5	Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%		1.66%
		Largest Single Impurity(%) ≤ 2.0%		1.26%
6	Acetate Content (By HPLC)	≤ 15.0%		12.8%
7	Water Content (Karl Fischer)	≤ 8.0%		4.5%
8	Bacterial Endotoxins	≤ 5 EU/mg		Conforms
9	Peptide Content (N determination)	≥ 80.0%		82.3%
10	Assay (By Anhydrous, Acetic Acid-free)	95.0 ~ 105.0%		99.6%