

CERTIFICATE OF ANALYSIS

Product Name	Ipamorelin	CAS NO.	170851-70-4
Batch NO.	NCIPA251022	Molecular formula	C34H49N9O5
Manufacture Date	Oct. 22, 2025	Molecular weight	711.85
Reference standard	Enterprise Standard		

TEST	SPECIFICATION	RESULTS
Appearance	White or almost white fluffy powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
Solubility	Soluble in H2O	Conforms
Purity(HPLC)	≥ 98%	99.84%
Acetic Acid	≤ 18.0%	15.11%
Water	≤ 8.0%	5.45%
Trifluoroacetic acid	≤ 0.5%	Not detected
pH	5.0~7.0	6.3
Related Substances	Total impurities ≤ 2.0%	0.16%
	Large Single Impurity ≤ 1.0%	0.11%
Bacterial Endotoxins	≤ 10 EU/mg	Conform
Peptide Assay	≥ 75.0%	79.26%
Conclusion	This product conforms to the Enterprise Standard.	

Note: this product is intended for research use only

Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.

QC DIRECTOR: GE LINGLING

CHECKER:MIUQIN

INSPECTOR:QIAN YUN