

CERTIFICATION OF ANALYSIS

Ipamorelin Powder (Synthetic)	CAS: 170851-70-4
Product No.:800046	Batch No.: 23030803
Date of Mfg: Mar 08, 2023	Date of Exp: Mar 07, 2025
Sequence: Aib-His-D2Nal-DPhe-Lys-NH2	

Test	Specification	Result
Appearance	White or off-white powder	conforms
Solubility	soluble in water	conforms
MS	711.9±1.0	conforms
Related Substances	Unspecified impurity for each impurity: NMT1.0%	0.57%(single largest impurity)
Purity(HPLC)	NLT 98.0%	99.0%
Acetic acid	NMT 20.0%	18.2%
Water Content(Karl Fischer)	NMT 7.0%	2.4%
Peptide Content(N%)	NLT 75%	78.1%
Residual solvent Methanol Acetonitrile Triethylamine	NMT 3000ppm NMT 410 ppm NMT 320 ppm	conforms

Storage: In an air tight container,protected from light at temperature 2-8℃.

Conclusion: the product complies with specification.

It is only supplied as chemical product.

Analysis :Janie.zhang
Date :2023.03.08

Approved by : Christ.zheng
Date :2023.03.08