

CERTIFICATION OF ANALYSIS

Product No.:602641	Batch No.:23080103
CAS:736992-21-5 Elamipretide	Date of Mfg: Aug 01, 2023
Sequence:DArg-2,6-DiMe-Tyr-Lys-Phe-NH2	

Test	Specification	Result
Appearance	White powder	White powder
Solubility	Report	Soluble in H2O
Purity(HPLC)	NLT 98.0%	99.5%
Water content(KF)	NMT8.0%	4.9%
Acetic acid	NMT 22%	20.5%
Trifluoroacetate	<0.5%	N.D
Mass spectrum	639.8± 1.0	639.5
Endotoxins	Less than 10IU/mg	<7IU/mg
Peptide content(N%)	NLT 70.0%	73.3%
Residual solvent Acetonitrile N,N-Dimethylformamide DCM	NMT 410 ppm NMT 880 ppm NMT 600ppm	20ppm N.D N.D

Storage: In an air tight container, protected from light

Temperature :Short Term:2-8℃ ; Long Term:below-10℃

Conclusion: the product complies with specification.