



Certificate of Analysis

Product Name :	TY-A-11368 Adipotide	CAS No. :	
Molecular Formula:	C ₁₁₁ H ₂₀₄ N ₃₆ O ₂₈ S ₂	Molecular Weight :	2555.22
Quantity:	57g	Manufacturing Date:	2024-07-06
Lot No:	P24062411368	Retest Date :	2026-07-05
Sequence	CKGGRAKDCGG- (d-KLAKLAK) 2		
Store at :	Cool dry place(away from the light)		
Tests :	Specifications	Results	
Appearance	White powder	Conforms	
Purity(HPLC)	≥98.0%	98.90%	
Acetate Content(HPLC)	<17.0%	16.54%	
Peptide Content (N%)	≥70.0%	71.95%	
Water Content (Karl Fischer)	≤10.0%	3.54%	
MS (ESI)	Conforms	Conforms	
Mass Balance	95.0~105.0%	Conforms	
Conclusion: Complies with the manufacturer's standard.			

Quality Control by :	2024-07-06
Quality Assured by:	2024-07-06

Certificate of Analysis

Product	Adipotide Powder	CAS No.:	859216-15-2
Product No.	800114	Molecular Formula	C ₁₁₁ H ₂₀₄ N ₃₆ O ₂₈ S ₂
Sequence	Cys-Lys-Gly-Gly-Arg-Ala-Lys-Asp-Cys-Gly-Gly-D2(Lys-Leu-Ala-Lys-Leu-Ala-Lys)(Cys1&Cys9 bridge)		
Batch No.	800114-24102502-01	Quantity	13.1g
Manufacture Date	Dec.06 th , 2024	Retest Date	Dec.05 th , 2026

【ITEMS】	【SPECIFICATIONS】	【RESULTS】
Appearance	White or off-white powder	White powder
MS	2555.2±1.0	2554.4
Amino acid analysis	Lys 7.2-8.8 Ala 4.5-5.5 Gly 3.6-4.4 Asp 0.9-1.1 Arg 0.9-1.1 Leu 3.6-4.4	Lys 8.1 Ala 4.8 Gly 4.1 Asp 1.0 Arg 1.0 Leu 3.9
Purity(HPLC)	NLT 98%	99.3%
Acetic acid	NMT 19.0%	15.4%
Water Content(Karl Fischer)	NMT 7.0%	5.0%
Residual solvent	Methylene chloride NMT 600ppm Acetonitrile NMT 410ppm Methyl tert-butyl ether NMT 5000 ppm DMF NMT 880ppm	N.D 171ppm N.D N.D
Bacterial Endotoxins	NMT 10EU/mg	<3EU/mg
Peptide Content(N%)	NLT75%	79.0%
Assay	95~105% (anhydrous and acetic acid free substance)	99.0%
Storage	Keep in tight container, protect from light	