

Certificate of Analysis

Product	CJC 1295 (without DAC)	CAS No. :	863288-34-0
Product No. :	CJC1295-WOD	Molecular Formula	C ₁₄₂ H ₂₃₃ N ₄₅ O ₄₂ S
Sequence	His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Glu-Glu-Gln-Lys-NH ₂ (Disulfide bond: Cys ² -Cys ¹²)		
Batch No.	CJC1295-WOD-260601	Quantity	2.0kg
Mfg. Date	May 26th, 2026	Retest Date	May 25th, 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
Appearance	White or almost white lyophilized powder	White lyophilized powder
Solubility	Freely soluble in water	Conforms
Solution clarity and color	Clear and colorless	Conforms
Specific optical rotation $[\alpha]_D^{20}$	-20.0° to -30.0° (anhydrous and sodium ion-free substance)	-24.5°
Identification by HPLC	The retention time of the principal peak of the test solution corresponds to that of the reference solution, as obtained in the Assay.	Conforms
Mass spectrum	4172.0±2.0	4171.6
pH	6.5~8.5	7.1
Water content(KF)	NMT 8.0%	3.4%
Acid group ions	Trifluoroacetate ion NMT 0.5% Acetate ion NMT 0.5%	N.D N.D
Related substances(HPLC)	Any individual impurity: NMT 0.5% Total impurities: NMT 2.0%	0.18% 0.72%
Purity(HPLC)	NLT 98.0%	99.21%
Sodium ion	1.0~2.0%	1.3%
High molecular protein	NMT 0.5%	N.D
Amino acid content	His: 1.0~2.0	1.3
	Ala: 1.0~2.0	1.2
	Glu: 3.0~5.0	4.1
	Gly: 1.0~2.0	1.4
	Thr: 2.0~3.0	2.5
	Phe: 1.0~3.0	1.3
	Ser: 2.0~3.0	2.4
	Asp: 1.0~2.0	1.2
	Leu: 1.0~2.0	1.3
	Lys: 2.0~3.0	2.3
	AEEA: Should be detected	Conforms



Residual solvent	Methylene chloride NMT 600ppm Acetonitrile NMT 410ppm Methyl tert-butyl ether NMT 5000 ppm DMF NMT 880ppm	N.D 58ppm N.D N.D
Peptide content	NLT 90.0%	91.4%
Bacterial endotoxins	NMT 10EU/mg	<3EU/mg
Microbial limits	TAMC NMT 100 cfu/g TYMC NMT 100 cfu/g E. Coli: Absent	<20 cfu/g <20 cfu/g Absent
Assay(C ₁₄₂ H ₂₃₃ N ₄₅ O ₄₂ S)	95.0%~105.0%(Calculated with reference to the anhydrous and sodium ion-free substance.)	99.3%
Storage	Keep in tight container, protect from light, store at a temperature of -20±5°C.	
Report	Li peng	Date 2026.06.03
Reviewer	Fang Hui Liao	Date 2026.06.03
Conclusion: This batch of product complies with Enterprise Standards.		



It is only supplied as chemical product.
It is only for R&D use.

Testing Organization:
Shanghai High Purity Peptide Biotechnology Co., Ltd.
上海皓纯生物科技有限公司