



Certificate of Analysis

CJC-1295 Acetate (Tetra-Substituted GRF 1–29 Acetate)

Product Name : CJC-1295 Acetate
Mfg. Date : Feb 11, 2024
M.F. : C₁₅₄H₂₅₆N₄₄O₄₄
CAS No. : 446262-90-4 (Free Base)
Sequence : H-Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Leu-Ser-Arg-NH²·CH₃COOH

Lot No. : DL8188
Exp. Date : Feb 10, 2027
M.W. : 3427.9
Batch Qty : 518 g

TESTS	SPECIFICATIONS		RESULTS
Appearance	White powder		White powder
Solubility	Soluble in water		Conforms
Amino Acid Composition (AAA)	Val	0.8 – 1.2	1.1
	Tyr	1.8 – 2.2	2.0
	Ala	3.6 – 4.4	4.1
	Arg	2.7 – 3.3	3.0
	Asp	1.8 – 2.2	1.9
	Ile	1.8 – 2.2	2.0
	Leu	4.5 – 5.5	4.9
	Phe	0.8 – 1.2	1.0
	Thr	0.8 – 1.2	1.1
	Glu	2.7 – 3.3	3.2
	Ser	2.7 – 3.3	3.0
	Lys	1.8 – 2.2	2.1
Mass (MS)	3367.85 ± 1		3368.77
Acetic Acid Content (HPLC)	≤ 18.0%		8.2%
Water Content (KF)	≤ 8.0%		5.8%
Peptide Content (N%)	≥ 80.0%		82.9%
Peptide Purity (HPLC) (CP)	≥ 98.0%		98.7%
Related Substances (HPLC) (CP)	Largest Single Impurity	≤ 1.0%	0.6%
	Total Impurities	≤ 2.0%	1.3%
Assay (On Anhydrous and Acetic Acid-Free Basis) (HPLC) (CP)	95.0 - 105.0%		99.6%
Bacterial Endotoxins (USP)	≤ 10 EU/mg		< 10 EU/mg
Microbial Tests (USP)	Total Aerobic Microbial Count	≤ 10 ² CFU/g	< 20 CFU/g
	Total Yeast and Mold Count	≤ 10 ² CFU/g	< 20 CFU/g
	<i>E. coli</i>	Absent	Absent
Conclusion: The product is a synthetic peptide and meets the In-House specifications. Long Term Storage: Store in a sealed container at 2°C - 8°C in the fridge or in the freezer. Distributed by Darmerica.			

Note: Analytical results transcribed from the original COA provided by Shaanxi MingDeRun PharmaTech Co., Ltd (China); Lot No. SM01-20240211003.

Based on the review of above information, the lot stands released.

	Name	Title	Signature	Date
Prepared by	Kamlesh Mistry	Quality Manager		05/30/2024
Released by	Pietro Pazzetty	Quality Assistant		06/14/2024