

RETATRUTIDE

BATCH NUMBER

27812

CERTIFICATE OF ANALYSIS (COA)

01 COMPOUND DETAILS

CAS NUMBER	MOLECULAR FORMULA	MOLECULAR WEIGHT	QUANTITY
2381089-83-2	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	4730.91	4.1 kg
BATCH NUMBER	MANUFACTURE DATE	REPORT DATE	RETEST DATE
27812	28/08/2026	02/09/2026	01/12/2026

PEPTIDE SEQUENCE (SOURCE EXCERPT)

Sequence: Tyr-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-{ α -Me-Leu}-Leu-Asp-Lys-{diacid-C20-gamma-Glu-(AEEA)-Lys}-Ala-Gln-{Aib}-Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Dc-Pro-Ser-NH2

02 ANALYTICAL RESULTS

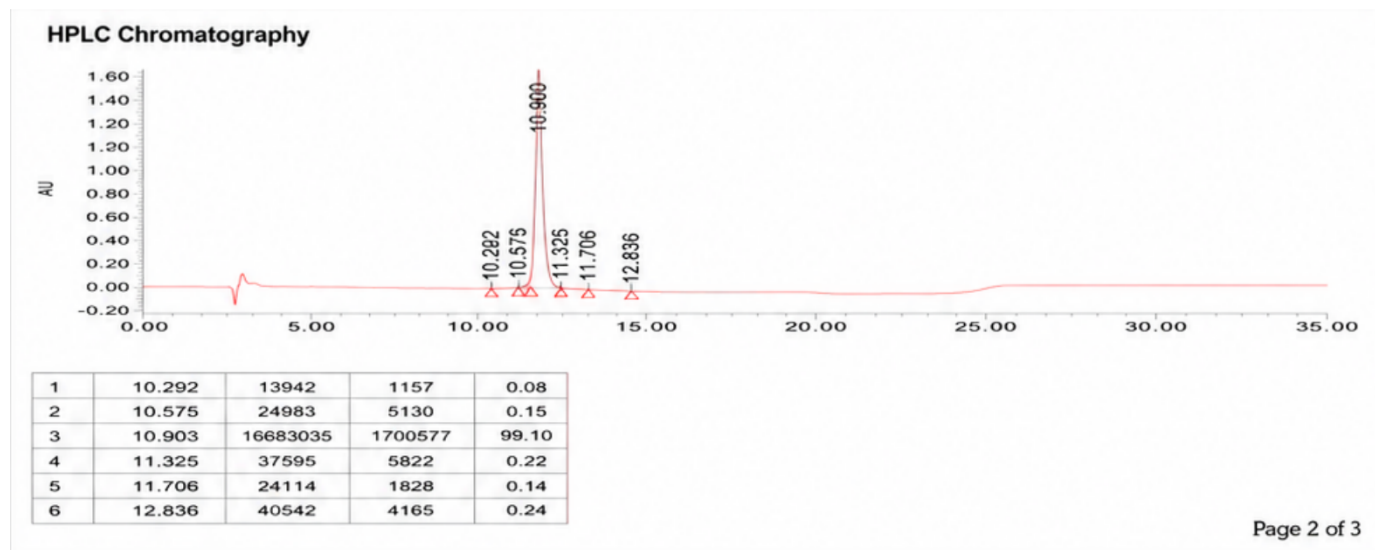
#	TEST	SPECIFICATION	REPORTED RESULT
1	Appearance	White or almost white powder	White powder
2	Solubility	Freely soluble in water	Conforms
3	Peptide Content	≥90.0%	95.6%
4	Water Content (K.F)	≤8.0%	1.6%
5	Peptide Purity (by HPLC)	≥99.0%	99.2%
6	Related Substance (by HPLC)	Total Impurity ≤2.0%	0.8%
		Maximum Impurity ≤1.0%	0.2%
7	Residual Solvent	Acetonitrile ≤410 ppm	Conforms
		Dichlorom ethane ≤600 ppm	Conforms
		N,N-Dimethylformamide ≤880 ppm	Conforms
8	Bacterial Endotoxins	< 10 EUmg (as supplied)	Conforms
9	Microbial Limits	TAMC ≤10 ² cfu/g	Conforms
		TYMC ≤10 ² cfu/g	Conforms

STORAGE Preserve in an air tight container, protected from light at -20°C; shipping at 2-8°C.

CONCLUSION The product tested Conform with In-house standard (source statement).

REMARK It is only supplied as chemical product.

03 HPLC CHROMATOGRAPHY



04 MASS SPECTRUM

