

Certificate of Analysis — Summary

Retatrutide

INOVIX-formatted summary compiled from the attached supplier COA. Signatures/stamps have been redacted.

Product Name	Retatrutide	Batch No.	2502221126
Sample Qty Base	1.30 KGS	Date of Production	2025.05.07
Analysis Date	2025.05.08	Expiry Date	2028.05.05
CAS No.	2381089-83-2	Packing	5GS / BOTTLE

Test Results

Item	Standard	Test Results
Purity	≥98%	99.99%
Appearance	White to off-white powder	Complies
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-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂	—
Solubility	Soluble in water	Complies
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time and size to the principal peak in the chromatogram obtained with reference solution	Complies
Clarity and color of solution	Clear and colorless	Complies
Mass Spectrum	4731.33 ± 1.0	4750.08
pH	6.0–9.0	6.48
Sodium ion	≤3.0%	2.80%
Water	≤10.0%	1.40%
Residual solvent	Methanol: ≤0.3% Isopropanol: ≤0.5% Acetonitrile: ≤0.041% Methylene chloride: ≤0.06% N,N-Dimethylformamide: ≤0.088% Triethylamine: ≤0.032% Tert-butyl methyl ether: ≤0.5%	Methanol: 0.0064% Isopropanol: N.D Acetonitrile: 0.028% Methylene chloride: 0.018% N,N-Dimethylformamide: N.D Triethylamine: N.D Tert-butyl methyl ether: 0.129%

Peptide Assay	≥80%	95.53%
Storage	Keep in dark and cool dry place (-20 to 8 °C)	—
Conclusion	The batch conforms to the IN-HOUSE standard	—