

Certificate of Analysis — Summary

Retatrutide

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

Product Name	Retatrutide	Batch No.	2602261556
Sample Qty Base	783g	Date of Production	2026.02.26
Analysis Date	2026.02.26	Expiry Date	2027.02.27
CAS No.	2381089-83-2	Packing	50G / BOTTLE

Test Results

Item	Standard	Test Results
Purity(HPLC)	≥98.0%	99.156%
Appearance	White powder	Conforms
Sequence	{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)	Conforms
Solubility(Water)	≥30mg/ml	Conforms
MS(ESI)	4731.33 ± 1.0	4731.80
Peptide Content	≥85.0%	94.58%
Water Content (Karl Fischer)	≤10.0%	3.34%
pH(5.0MG/ML)	6.0-8.0	7.09
Sodium salt	<5.0%	2.01%
Acetate Content	≤0.5%	N.D
TFA Content	≤0.5%	N.D
Residual solvents	Acetonitrile NMT 410ppm Methanol NMT 3000ppm Methylene chloride NMT 600ppm N,N-Dimethylformamide NMT 880ppm Isopropyl ether NMT 5000ppm	Acetonitrile: N.D Methanol: N.D Methylene chloride: N.D N,N-Dimethylformamide: N.D Isopropyl ether: N.D

Amino Acid Analysis	Asp 1.6-2.4 Tyr 2.4-3.6 Lys 1.6-2.4 Ile 1.6-2.4 Leu 3.2-4.8 Thr 1.6-2.4 Phe 1.6-2.4 Ser 4.0-6.0 Ala 2.4-3.6 Gly 3.2-4.8 Glu 4.0-6.0 Pro 3.2-4.8 Aib 1.6-2.4 AEEA 0.8-1.2	Asp: 2.16 Tyr: 2.55 Lys: 2.22 Ile: 1.97 Leu: 3.27 Thr: 2.04 Phe: 1.90 Ser: 5.04 Ala: 3.23 Gly: 3.92 Glu: 5.58 Pro: 4.18 Aib: ---- AEEA: 1.01
Bacterial endotoxins	<10EU/mg	Conforms
Microbial Limits	Total aerobic microbial count ≤ 1000 cfu/g Total yeast and mold count ≤ 200 cfu/g	90cfu/g 50cfu/g
Assay(HPLC)	95.0-105.0% (on anhydrous and salt-free substance basis)	102.01%
Storage	Cool dry place (away from the light)	—
Conclusion	The batch conforms to the In-House standard	—