SIDECHAIN ANALYTICS

SCAN TO VERIFY
COA-2026-SC-02082
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CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

Retatrutide

20 mg

Client: **Volta Peptides Ltd: https://voltapeptides.com/**
LAB ID RET-505_D ISSUED SEPTEMBER 16, 2026

§ 01 Sample Information

Sample ID:	**RET-505_D**
Compound:	**Retatrutide**
Report No.:	**COA-2026-SC-02082**
Lot Number:	**VPRT20100**
Total Mass:	**74.2 mg**
Appearance:	**Lyophilized powder**
Received:	**09/01/2026**
Analyzed:	**09/16/2026**
CAS:	**2381089-83-2**
Formula:	**$C_{221}H_{342}N_{46}O_{68}$**
Mol Weight:	**4731.3 g/mol**



SAMPLE PHOTOGRAPHY

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY	NET PEPTIDE CONTENT	PEPTIDE FILL ACCURACY	CHROMATOGRAPHIC PURITY
Retatrutide	**29.26 mg**	**146.3 %**	**99.7 %**
Principal component confirmed against reference standard	Total peptide in the vial as received	Measured net content ÷ declared label claim	Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 947.9 › 136.1 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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