



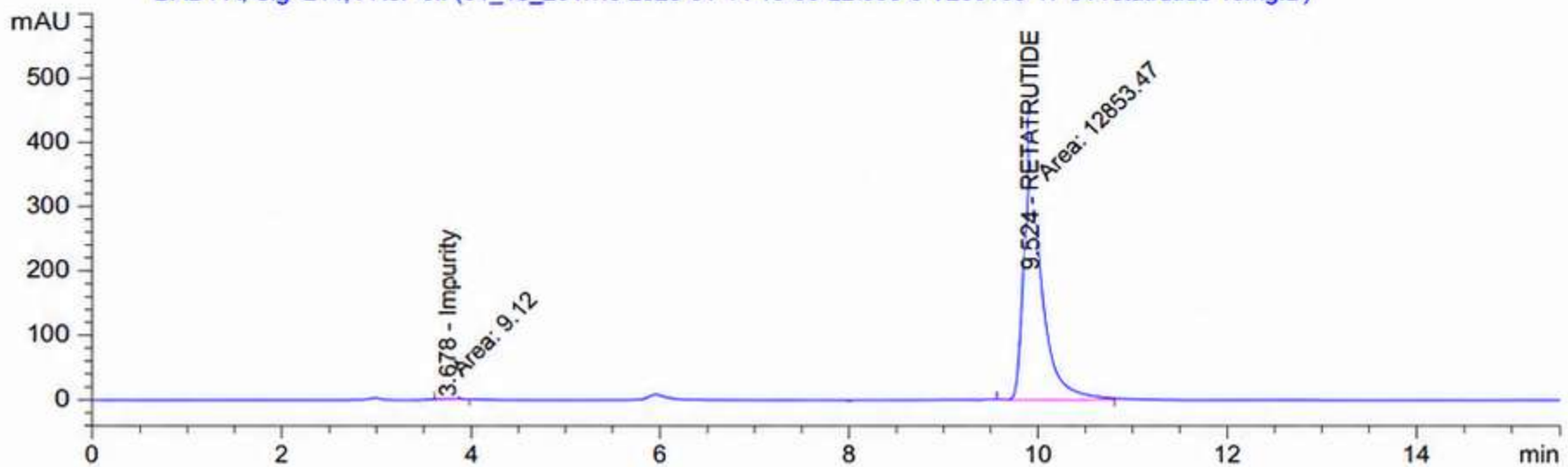
Vanguard Laboratory
2635 Parkmont Ln
Olympia, WA 98502
360-967-7010

REPORT TO:
Optimum Formulas

COMPOUND: Retatrutide
QUANTITY: 10 mg
LABORATORY ID: V260109-17 004
LOT NUMBER: Y0N3T
DATE REPORTED: 01/29/2026

HPLC CHROMATOGRAM (RETATRUTIDE)

DAD1 A, Sig=214,4 Ref=off (01_13_261...6 2026-01-14 10-50-22\058-8-V260109-17 04 retatrutide 10mg.D)



ANALYSIS	METHOD	RESULT
Peptide Purity (HPLC)	HPLC-UV	>98.90%
Identity (Mass Spec)	LC-MS	Conforms
Peptide Content	HPLC-UV	10.05 mg ± 0.2 mg
Water Content (Karl Fischer)	USP <921>	2.1%
Endotoxin	USP <85>	< 0.1 EU/mg
Sterility	USP <71>	Pass - No Growth Detected



RESEARCH GRADE
For Research Use Only



LAB TESTED
Purity & Potency Confirmed



QUALITY ASSURED
Trusted. Verified. Reliable.

Report By: Dustin Newman
Laboratory Director

01/29/2026

Approved By: Tori Johnson
Operations Manager

01/29/2026



Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.