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INDEPENDENT ANALYTICAL TESTING LABORATORY

Certificate of Analysis

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SCAN TO VERIFY

CLIENT / BRAND	BATCH ID	CLIENT BATCH / LOT	COMPOUND	SAMPLE (AS RUN)	DATE RECEIVED
Reserve Research	RR-20261117-ZPRT	RET010-004	Retatrutide	RR-20261117-ZPRT-01	17 NOV 2026

DATE ANALYZED: 20 NOV 2026

CHROMATOGRAPHIC PURITY	CONTENT PER VIAL	RETENTION TIME
Not detected%	Not detected	ND
TARGET PEAK ABSENT	NO TARGET PEAK TO QUANTIFY LABEL CLAIM: 10 MG · SPEC ≥ 90%	NO PEAK · REFERENCE 8.171 MIN

Overall: Does not conform to specification — **Identity Does not conform** (RT + UV vs. reference); one or more results are outside the acceptance criteria below.

SPEC SET IS CLIENT / METHOD-DEFINED

NON-CONFORMANCE DETAIL

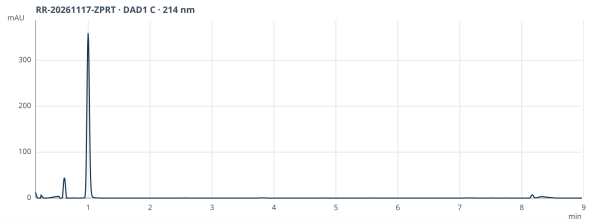
EXPECTED	Retatrutide at 8.171 min (± 0.327 min), laboratory reference CAL RETA 10.28; window 7.420999999999999–8.921 min
RUN	sequence 11.19 MID-POLAR 2026-11-20 17-03-34 · injected Nov 20, 2026, 10:02 PM PT · method 85.15.8.2.26.M · column Phenomenex Endrix Omega 3 µm Polar C18, 100 × 3.0 mm (installed Sep 21, 2026)
OBSERVED	8.165 min (100 % of counted area)
SENSITIVITY	No response at the reference retention time above the lowest calibration standard (0.05 mg/g working solution, CAL RETA 10.28).
FINDING	**Retatrutide was not detected above the lowest calibration standard: the only response at the reference retention time (8.165 min, area 19) is below the response of the lowest standard (0.05 mg/g working solution), so no content can be reported and identity is not confirmed.**

SUMMARY OF RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Appearance	White lyophilized powder	Clear, colorless	Conforms
Purity (HPLC, area %)	≥ 95.0%	Not detected%	Does not conform

CHROMATOGRAM & SAMPLE REFERENCE

HPLC CHROMATOGRAM — reference RT 8.171 min — no peak





VIAL AS RECEIVED · PHOTOGRAPHED 17 NOV 2026

How to read this. Chromatographic purity is the percentage of total integrated peak area — how much of the detected material is the target peptide versus impurities. It is **not** a measure of net peptide mass content (what fraction of the powder is peptide versus counter-ion, water, or residual solvent). That mass content is measured separately and reported above as **content per vial** (mg net peptide). Results apply only to the sample submitted.

AUTHORIZED SIGNATORY · KMD ANALYTICAL

Kevin Doud
Laboratory Director

DATE OF ISSUE: 22 NOV 2026

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