Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Retatrutide 20mg - 20mg

Tested for: Synthesis Peptides

PASS

COA #:	**COA-2026-954535**	Analysis Date:	**07/24/2026**
Lot Number:	**3G20726US**	Appearance:	**Good**
Accession #:	**ACC-2026-6963**	Sample Matrix:	**Lyophilized**
Labeled Content:	**20mg**	Volume:	**3mL**
		Date Received:	**06/29/2026**

Scan to verify authenticity at ils-lab.com
Access Code: UQSJY498

Method: **Full QC Panel**

Identity	Peptide Purity	
Retatrutide 20mg	**99.89%**	**Fentanyl Free**

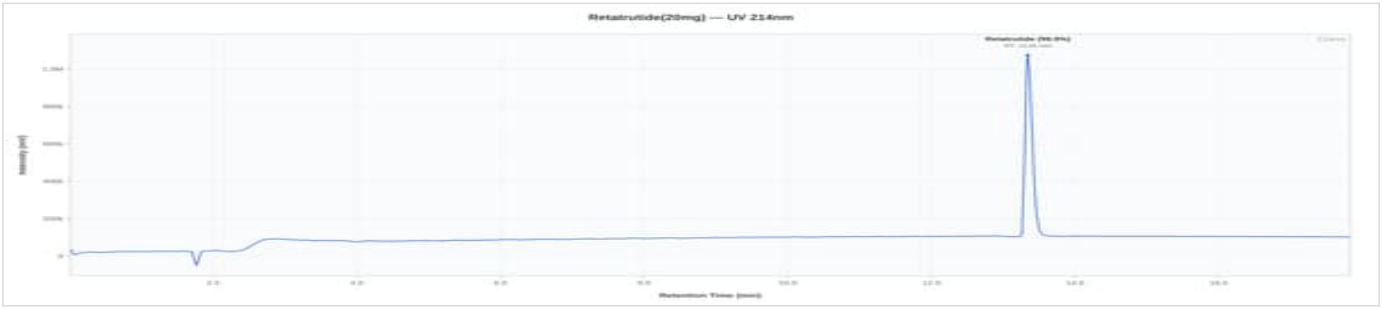


Retatrutide 20mg 20mg - 3G20726US

Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Net Peptide Content	Report Only	**20.49**	mg	N/A
Peptide Purity (HPLC)	>= 95.0%	**99.89%**	%	**PASS**
Identity (HPLC-RTM)	Retatrutide	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Representative chromatogram, Dedicated V0

HPLC Conformity Testing Results (4 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.82%	20.49 mg	Confirmed	**PASS**
Conformity V1	99.89%	10.47 mg	Confirmed	**PASS**
Conformity V2	99.61%	10.38 mg	Confirmed	**PASS**
Conformity V3	99.65%	10.53 mg	Confirmed	**PASS**
Mean	**99.74%**	**12.97 mg**	—	—
Std Dev	**0.1161%**	**4.3434 mg**	—	—

Dr. Greg Kalyuzhny
Lab Director
7/30/2026

COA #: **COA-2026-954535**
Access Code: **UQSJY498**
Verify: portal.ils-lab.com/verify/WqS5kaeSS9kFZ0UV
Issued: 7/30/2026

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	.0926	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	0	**PASS**
Lead (Pb)	NMT 1.0 ppm	0	**PASS**
Mercury (Hg)	NMT 1.5 ppm	0	**PASS**
Chromium (Cr)	NMT 10.0 ppm	.1151	**PASS**

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	NMT 5 EU/mL	**NMT 0.05 EU/mL**	**PASS**

Acceptance criteria: NMT 5 EU/mL per client specification.

Notes & Methodology

1. Date Tested: 07/30/2026. Methods: Purity, Identity & Quantitation (HPLC).
2. The sample was confirmed to be Retatrutide 20mg by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
6. Chromatogram shown is representative: Dedicated V0 (99.82% purity, closest to batch mean of 99.74%).

Dr. Greg Kalyuzhny
Lab Director
7/30/2026

COA #: **COA-2026-954535**
Access Code: **UQSJY498**
Verify: portal.ils-lab.com/verify/WqS5kaeSS9kFZ0UV
Issued: 7/30/2026

ILS Laboratories | 8222 Vickers St, Suite 106, San Diego, CA 92111 | (619) 329-3999 | ils-lab.com
ISO/IEC 17025 Accredited | This certificate relates only to the items tested. Results shall not be reproduced except in full without written approval.