

ILS Laboratories

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

S20-3R - 10mg

20 AMINOS **Tested for: S20 Research, LLC**
www.20aminos.com

COA #: **COA-2026-953621**
Lot Number: **B10022**
Accession #: **ACC-2026-4617**
Labeled Content: **10mg**

Analysis Date: **06/25/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Vial Size: **3mL**
Date Received: **06/11/2026**

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: NXHDS52N

Method: **Full QC Panel**

Identity
S20-3R

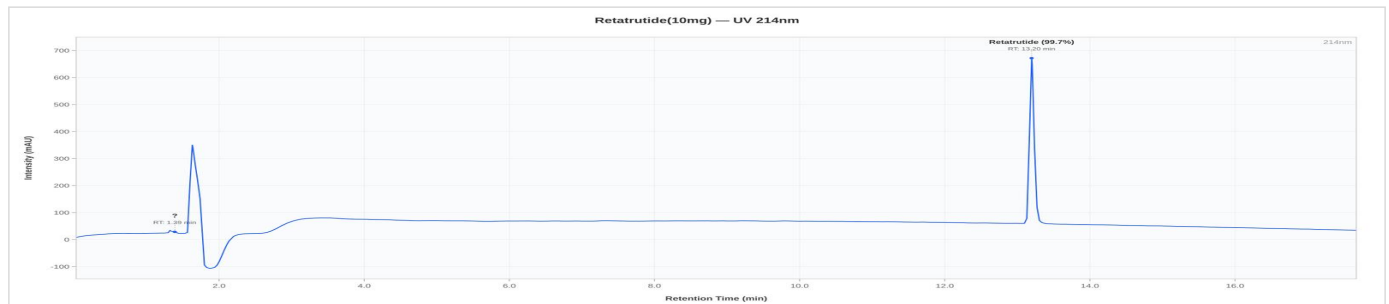
Peptide Purity
99.81%



Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.81%	%	PASS
Net Peptide Content	Report Only	10.36	mg	N/A
Identity (HPLC-RTM)	Retatrutide	Confirmed	-	PASS
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	0.1110 ppm	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	0.0702 ppm	ppm	PASS
Lead (Pb)	<= 1.0 ppm	0.1028 ppm	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	0.2270 ppm	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	0.0971 ppm	ppm	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0



Handwritten signature

Dr. Greg Kalyuzhny
Lab Director
7/9/2026

COA #: **COA-2026-953621**
Access Code: **NXHDS52N**
Verify: <portal.ils-lab.com/verify/Ss6-a5pvRKwplmmy>
Issued: 7/9/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.65%	10.46 mg	Confirmed	PASS
Conformity V1	99.81%	10.36 mg	Confirmed	PASS
Mean	99.73%	10.41 mg	—	—
Std Dev	0.0800%	0.0500 mg	—	—

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>)	Report Result	NMT 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 07/09/2026. Methods: Full QC Panel.
2. The sample was confirmed to be S20-3R by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
4. 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.
5. Chromatogram shown is representative: Dedicated V0 (99.65% purity, closest to batch mean of 99.73%).




Dr. Greg Kalyuzhny
Lab Director
7/9/2026

COA #: COA-2026-953621
Access Code: NXHDS52N
Verify: portal.ils-lab.com/verify/Ss6-a5pvRKwplmmy
Issued: 7/9/2026