Certificate of Analysis

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

GLP-3 (RT) - - 30mg

Tested for: Virtus Research LLC
1309 Coffeen Avenue, STE 1200 Sheridan, WY 82801 | VirtusPeptides.com

PASS

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

COA #:	**COA-2026-AQ9U-4**	Analysis Date:	**07/01/2026**
Lot Number:	**RT30-655**	Appearance:	**Good**
Accession #:	**ACC-2026-6117**	Sample Matrix:	**Lyophilized**
Labeled Content:	**30mg**	Vial Size:	**3mL**
		Date Received:	**06/22/2026**

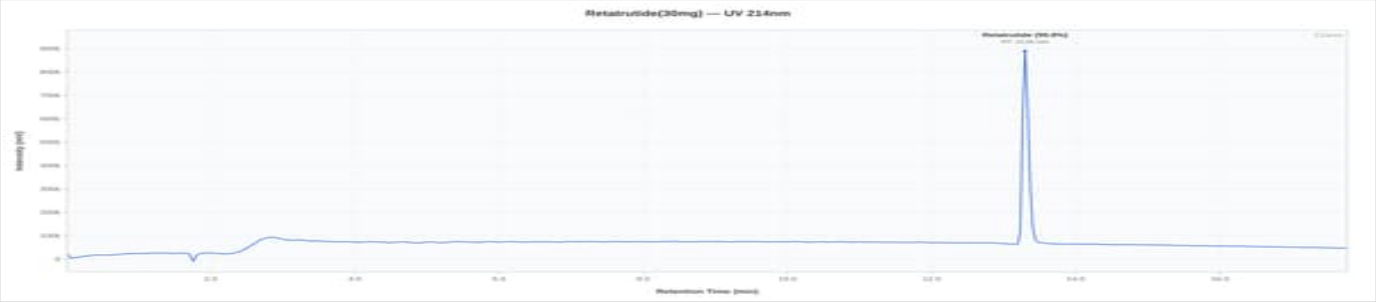
Method: **Purity & Quant (HPLC), Sterility (PCR), Endotoxin (USP <85>), Heavy Metals (ICP-MS)**

Identity	Peptide Purity
GLP-3 (RT) -	**99.81%**

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.81%**	%	**PASS**
Net Peptide Content	Report Only	**31.07**	mg	N/A
Identity (HPLC-RTM)	Retatrutide	**Confirmed**	-	**PASS**

HPLC Chromatogram



Representative chromatogram, Conformity V1

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.54%	30.97 mg	Confirmed	**PASS**
Conformity V1	99.69%	32.09 mg	Confirmed	**PASS**
Conformity V2	99.81%	31.07 mg	Confirmed	**PASS**
Mean	**99.68%**	**31.38 mg**	—	—
Std Dev	**0.1105%**	**0.5061 mg**	—	—

Dr. Greg Kalyuzhny
Lab Director
7/1/2026

COA #: **COA-2026-AQ9U-4**
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Verify: portal.ils-lab.com/verify/YP87GZLfHbQGsbYw
Issued: 7/1/2026

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	"d 1.5 ppm	0.43	**PASS**
Cadmium (Cd)	"d 0.5 ppm	.116	**PASS**
Lead (Pb)	"d 1.0 ppm	.347	**PASS**
Mercury (Hg)	"d 1.5 ppm	.155	**PASS**
Chromium (Cr)	"d 10.0 ppm	.832	**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: 07/01/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be GLP-3 (RT) - 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: Conformity V1 (99.69% purity, closest to batch mean of 99.68%).

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