# Certificate of Analysis

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

## Triple Agonist - 20mg

**Tested for: Crush Research**
https://www.crushresearch.shop/

**PASS**

| | | | |
|---|---|---|---|
| COA #: | **COA-2026-VQSK1R** | Method: | **Purity & Quant (HPLC)** |
| Lot Number: | **CR-3XAG20-2605-2** | Analysis Date: | **06/01/2026** |
| Accession #: | **ACC-2026-3355** | Appearance: | **Good** |
| Labeled Content: | **20mg** | Sample Matrix: | **Lyophilized** |
| | | Date Received: | **05/27/2026** |

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

| Identity | Peptide Purity | |
|---|---|---|
| **Triple Agonist** | **99.94%** | **Fentanyl Free** |

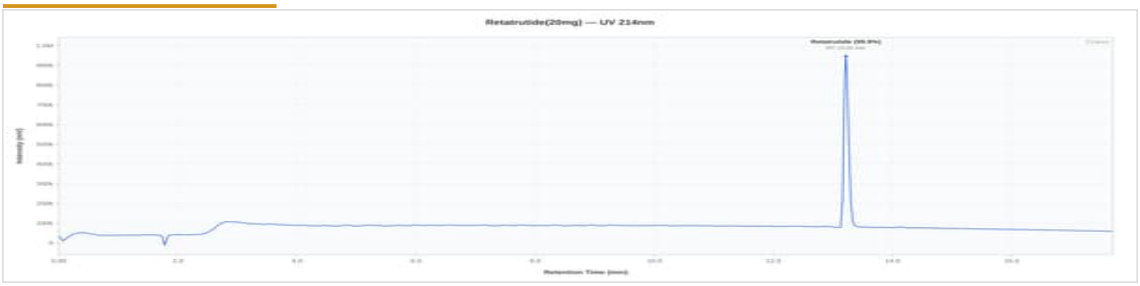


*Triple Agonist 20mg - CR-3XAG20-2605-2*

### Purity & Quant (HPLC)

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Peptide Purity (HPLC)** | >= 95.0% | **99.94%** | % | **PASS** |
| **Net Peptide Content** | Report Only | **21.44** | mg | N/A |
| **Identity (HPLC-RTM)** | Triple Agonist | **Confirmed** | - | **PASS** |
| **Fentanyl Screen** | Immunoassay, 50 ng/mL cutoff | **Not Detected** | - | **PASS** |

### HPLC Chromatogram



*Representative chromatogram, Conformity V2 (99.90% purity, closest to batch mean of 99.84%)*

### HPLC Conformity Testing Results (3 samples tested)

| Sample | Purity | NPC | ID | Result |
|---|---|---|---|---|
| **Dedicated V0** | 99.67% | 21 mg | Confirmed | **PASS** |
| **Conformity V1** | 99.94% | 21.44 mg | Confirmed | **PASS** |
| **Conformity V2** | 99.90% | 21.2 mg | Confirmed | **PASS** |
| **Mean** | **99.84%** | **21.21 mg** | — | — |
| **Std Dev** | **0.1190%** | **0.1799 mg** | — | — |

**Dr. Greg Kalyuzhny**
Lab Director
6/1/2026

COA #: **COA-2026-VQSK1R**
Access Code: **UAXLYPLJ**
Verify: portal.ils-lab.com/verify/aHTY0Yz5qVSTKfz8
Issued: 6/1/2026



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.

## Heavy Metals Analysis (ICP-MS)

| Test | Specification | Result | Status |
|---|---|---|---|
| **Arsenic (As)** | NMT 1.5 ppm | *Not Detected* | **PASS** |
| **Cadmium (Cd)** | NMT 0.5 ppm | *Not Detected* | **PASS** |
| **Chromium (Cr)** | NMT 10 ppm | *Not Detected* | **PASS** |
| **Mercury (Hg)** | NMT 1.5 ppm | *Not Detected* | **PASS** |
| **Lead (Pb)** | NMT 1 ppm | *Not Detected* | **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: 06/01/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be Triple Agonist 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 V2 (99.90% purity, closest to batch mean of 99.84%).

**Dr. Greg Kalyuzhny**
Lab Director
6/1/2026

COA #: **COA-2026-VQSK1R**
Access Code: **UAXLYPLJ**
Verify: portal.ils-lab.com/verify/aHTY0Yz5qVSTKfz8
Issued: 6/1/2026



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.