

## ILS Laboratories

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

## Adamax - 1032 Da (Spray) - 15mg

Tested for: NextGen Peptides  
www.NGpeptide.com

COA #: COA-2026-953702  
Lot Number: NSP-ADMX-01  
Accession #: ACC-2026-6933  
Labeled Content: 15mg

Analysis Date: 07/07/2026  
Appearance: Good  
Sample Matrix: Liquid/Solution  
Vial Size: 30mL  
Date Received: 06/29/2026

PASS



Scan to verify  
authenticity at ils-lab.com  
Access Code: VQ83QT8N

Method: Full QC Panel

Identity

Adamax - 1032 Da (Spray)

Peptide Purity

99.47%

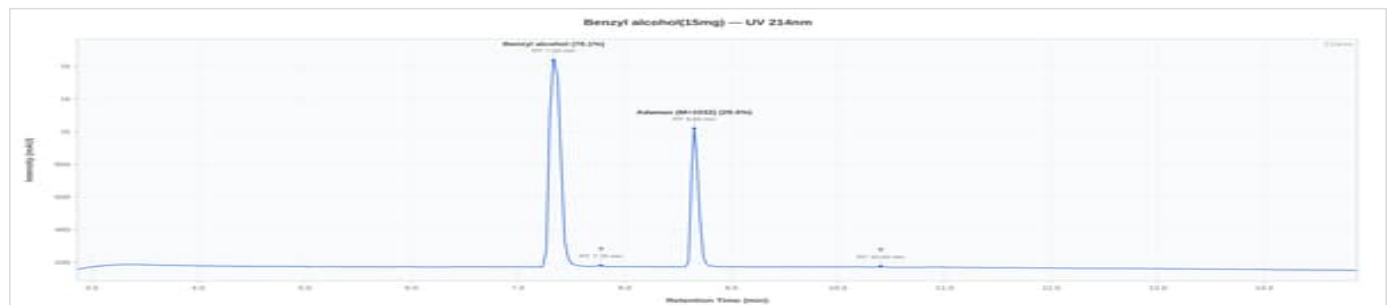


Fentanyl  
Free

## Purity & Quant (HPLC)

| Analyte               | Specification                | Result       | Unit | Status |
|-----------------------|------------------------------|--------------|------|--------|
| Peptide Purity (HPLC) | >= 95.0%                     | 99.47%       | %    | PASS   |
| Net Peptide Content   | Report Only                  | 15.9         | mg   | N/A    |
| Identity (HPLC-RTM)   | Adamax (M=1032)              | Confirmed    | -    | PASS   |
| Fentanyl Screen       | Immunoassay, 50 ng/mL cutoff | Not Detected | -    | PASS   |

## HPLC Chromatogram



## HPLC Conformity Testing Results (3 samples tested)

| Sample        | Purity  | NPC       | ID        | Result |
|---------------|---------|-----------|-----------|--------|
| Dedicated V0  | 99.47%  | 15.9 mg   | Confirmed | PASS   |
| Conformity V1 | 99.38%  | 15.71 mg  | Confirmed | PASS   |
| Conformity V2 | 99.65%  | 15.92 mg  | Confirmed | PASS   |
| Mean          | 99.50%  | 15.84 mg  | —         | —      |
| Std Dev       | 0.1122% | 0.0946 mg | —         | —      |



*Dr. Greg Kalyuzhny*

Dr. Greg Kalyuzhny  
Lab Director  
7/7/2026

COA #: COA-2026-953702  
Access Code: VQ83QT8N  
Verify: portal.ils-lab.com/verify/F3YC7lt7x\_307ibm  
Issued: 7/7/2026

Heavy Metals Analysis (ICP-MS)

| Test          | Specification | Result       | Status |
|---------------|---------------|--------------|--------|
| Arsenic (As)  | "d 1.5 ppm    | 0.45         | PASS   |
| Cadmium (Cd)  | "d 0.5 ppm    | Not Detected | PASS   |
| Lead (Pb)     | "d 1.0 ppm    | Not Detected | PASS   |
| Mercury (Hg)  | "d 1.5 ppm    | Not Detected | PASS   |
| Chromium (Cr) | "d 10.0 ppm   | 0.685        | 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>) | Report Result | 0.16 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: 07/10/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be Adamax - 1032 Da (Spray) 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 (99.47% purity, closest to batch mean of 99.50%).



  
**Dr. Greg Kalyuzhny**  
Lab Director  
7/7/2026

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