Certificate of Analysis

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

Reconstitution Solution

Tested for: Mile High Compounds
www.milehighcompounds.is

PENDING

COA #:	**COA-2026-WWVEU_**	Analysis Date:	**06/30/2026**
Lot Number:	**RCS-030-MH-01**	Appearance:	**Good**
Accession #:	**ACC-2026-6160**	Sample Matrix:	**Liquid/Solution**
Sample Matrix:	**Liquid/Solution**	Vial Size:	**30mL**
		Date Received:	**06/23/2026**

Scan to verify authenticity at ils-lab.com
Access Code: V4PUNQZS

Method: **HPLC+, Sterility (PCR), Water Analysis, Heavy Metals (ICP-MS), Sterility (USP <71>)**

Identity	Peptide Purity	
Reconstitution Solution	**99.49%**	**Fentanyl Free**

HPLC+

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.49%**	%	**PASS**
Identity (HPLC-RTM)	Benzyl alcohol	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

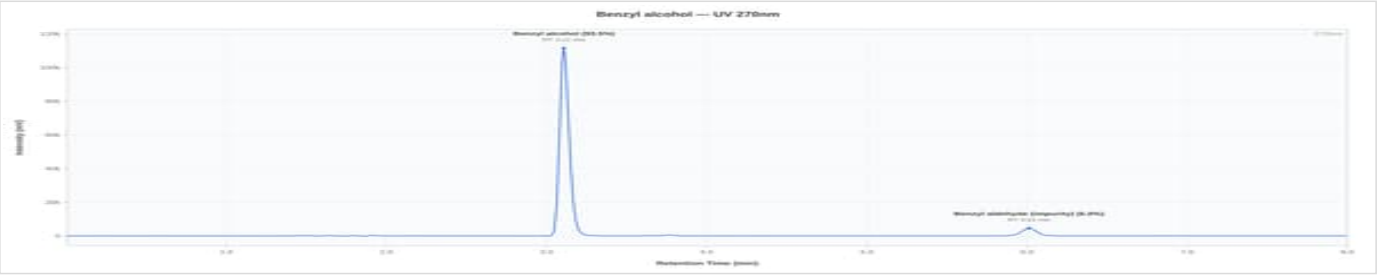
Water Analysis

Analyte	Specification	Result	Unit	Status
pH	4.5 - 7.0	**5.30**	pH	**PASS**
Benzyl Alcohol	0.8% - 1.0%	**0.92**	%	**PASS**

Sterility (USP <71>)

Analyte	Specification	Result	Unit	Status
TSB (Tryptic Soy Broth)	No Growth	**N/A**	-	**PENDING**
FTM (Fluid Thioglycollate)	No Growth	**N/A**	-	**PENDING**

HPLC Chromatogram



Reconstitution Solution - RCS-030-MH-01: UV Chromatogram

Dr. Greg Kalyuzhny
Lab Director
6/30/2026

COA #: **COA-2026-WWVEU_**
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Verify: portal.ils-lab.com/verify/S6ncplfhJRBA7Bt5
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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 (USP <71>)

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

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**0.07 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: 06/30/2026. Methods: HPLC+; Water Analysis; Sterility (USP <71>).
2. The sample was confirmed to be Reconstitution Solution 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.

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