

ILS Laboratories

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

Amino H2O - 10mL

Tested for: Amino Club
aminoclub.com

COA #: COA-2026-KO-CMJ
Lot Number: H2O0001
Accession #: ACC-2026-15523
Labeled Content: 10mL

Analysis Date: 08/19/2026
Appearance: Good
Sample Matrix: BAC Water
Vial Size: 10mL
Date Received: 08/11/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: VY5BW7X7

Method: Full QC Panel

Identity

Amino H2O

Purity

99.90%



Fentanyl
Free

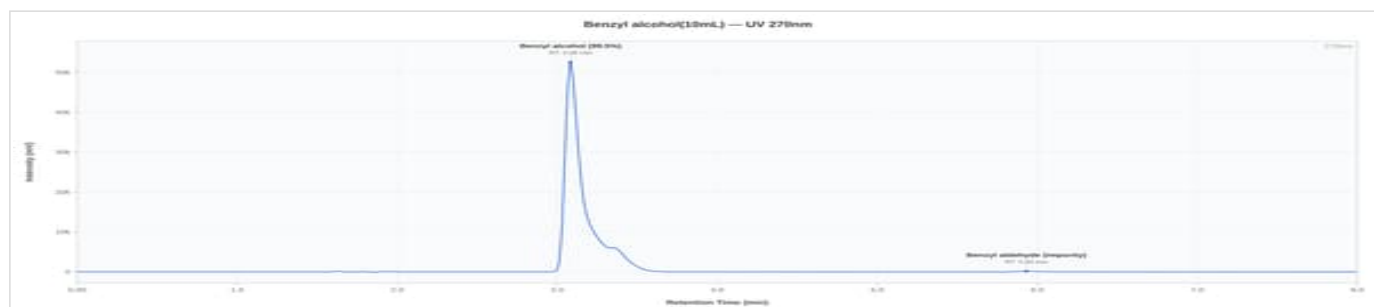
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Identity (HPLC-RTM)	Benzyl alcohol	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Amino H2O 10mL - H2O0001

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Water Analysis

Analyte	Specification	Result	Unit	Status
pH	4.5 - 7.0	6.7	pH	PASS
Benzyl Alcohol	0.8% - 1.0%	.857	%	PASS



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
8/19/2026

COA #: COA-2026-KO-CMJ
Access Code: VY5BW7X7
Verify: portal.ils-lab.com/verify/kMQwFNvcojxGMz0X
Issued: 8/19/2026

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	ID	Result
Dedicated V0	99.89%	Confirmed	PASS
Conformity V1	99.88%	Confirmed	PASS
Conformity V2	99.90%	Confirmed	PASS
Mean	99.89%	—	—
Std Dev	0.0082%	—	—

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
Lead (Pb)	NMT 1.0 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10.0 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>)	Report Result	0.084 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: 08/19/2026. Methods: Purity, Identity & Quantitation (HPLC); Water Analysis.
2. The sample was confirmed to be Amino H2O 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 chromogenic method. Acceptance criteria per client specification.
5. Purity determined by RP-HPLC area normalization at 214 nm.
6. Purity values are capped at 99.9% to reflect instrument limit of detection (LOD). Trace impurities below the detection threshold may be present.
7. Chromatogram shown is representative: Dedicated V0 (99.89% purity, closest to batch mean of 99.89%).
8. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.



Handwritten signature of Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
8/19/2026

COA #: COA-2026-KO-CMJ
Access Code: VY5BW7X7
Verify: portal.ils-lab.com/verify/kMQwFNvcojxGMz0X
Issued: 8/19/2026