Certificate of Analysis

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

TA1 - 10mg

PASS

Tested for: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412461**	Method:	**Full QC Panel**
Lot Number:	**GL-010110**	Analysis Date:	**05/15/2026**
Accession #:	**ACC-2026-2313**	Appearance:	**Good**
Concentration:	**10mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/11/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
TA1	98.87%	Fentanyl Free



TA1 10mg - GL-010110

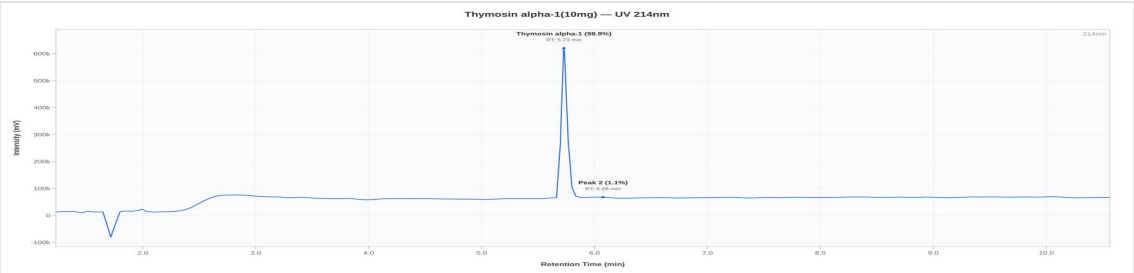
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**98.87%**	%	PASS
Net Peptide Content	Report Only	**10.46**	mg	N/A
Identity (ID)	Thymosin-Alpha 1	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.402 ppm**	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	**0.157 ppm**	ppm	PASS
Lead (Pb)	<= 1 ppm	**0.214 ppm**	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	**0.264 ppm**	ppm	PASS
Chromium (Cr)	<= 10 ppm	**0.64 ppm**	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V1 (98.71% purity, closest to batch mean of 98.79%)

Dr. Greg Kalyuzhny
Lab Director
5/15/2026

COA #: **COA-2026-412461**
Access Code: **K1HX7ECJ**
Verify: portal.ils-lab.com/verify/lyV8pqRFA1E86Ry_
Issued: 5/15/2026

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HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	98.87%	10.46 mg	Confirmed	**PASS**
Conformity V1	98.71%	10.44 mg	Confirmed	**PASS**
Mean	**98.79%**	**10.45 mg**	—	—
Std Dev	**0.0800%**	**0.0100 mg**	—	—

Sterility Testing (PCR)

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

Endotoxin Testing (USP <85>)

Test	Specification	Result	Unit	Status
Endotoxin (USP <85>)	< 0.25 EU/mL	**NMT 0.05 EU/mL**		**PASS**

Notes & Methodology

1. Date Tested: 05/15/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be TA1 by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Chromatogram shown is representative: Conformity V1 (98.71% purity, closest to batch mean of 98.79%).

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Lab Director
5/15/2026

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