Certificate of Analysis

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

SA-2T - 60mg

PASS

Tested for: Southern Aminos
31938 Temecula Pkwy, Suite A PMB #361 Temecula, CA 92592 | www.southernaminos.com

COA #:	**COA-2026-35U0H1**	Method:	**Full QC Panel**
Lot Number:	**2T600526N**	Analysis Date:	**05/12/2026**
Accession #:	**ACC-2026-1947**	Appearance:	**Good**
Concentration:	**60mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/05/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
SA-2T	**99.75%**	Fentanyl Free

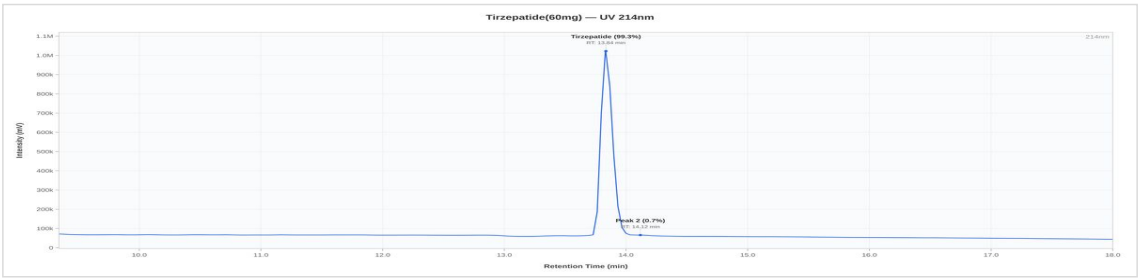


SA-2T 60mg - 2T600526N

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.75%**	%	PASS
Net Peptide Content	Report Only	**63.27**	mg	N/A
Identity (ID)	TIRZEPATIDE	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V4 (99.58% purity, closest to batch mean of 99.59%)

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Dr. Greg Kalyuzhny
Lab Director
5/12/2026

COA #: **COA-2026-35U0H1**
Access Code: **PZ-EZEON**
Verify: portal.ils-lab.com/verify/aq067-USf5D8Z2LL
Issued: 5/12/2026

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SA-2T - 60mg

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COA #:	**COA-2026-35U0H1**	Method:	**Full QC Panel**
Lot Number:	**2T600526N**	Analysis Date:	**05/12/2026**
Accession #:	**ACC-2026-1947**	Appearance:	**Good**
Concentration:	**60mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/05/2026**

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HPLC Conformity Testing Results (8 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.26%	61.4 mg	Confirmed	**PASS**
Conformity V1	99.48%	63.48 mg	Confirmed	**PASS**
Conformity V2	99.62%	61.85 mg	Confirmed	**PASS**
Conformity V3	99.72%	63.59 mg	Confirmed	**PASS**
Conformity V4	99.58%	63.41 mg	Confirmed	**PASS**
Conformity V5	99.75%	63.27 mg	Confirmed	**PASS**
Conformity V6	99.62%	63.8 mg	Confirmed	**PASS**
Conformity V7	99.71%	*Pending*	Confirmed	**PASS**
Mean	**99.59%**	**62.97 mg**	—	—
Std Dev	**0.1499%**	**0.8731 mg**	—	—

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**

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COA #: **COA-2026-35U0H1**
Access Code: **PZ-EZEON**
Verify: portal.ils-lab.com/verify/aq067-USf5D8Z2LL
Issued: 5/12/2026

Certificate of Analysis

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SA-2T - 60mg

PASS

Tested for: Southern Aminos
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COA #:	**COA-2026-35U0H1**	Method:	**Full QC Panel**
Lot Number:	**2T600526N**	Analysis Date:	**05/12/2026**
Accession #:	**ACC-2026-1947**	Appearance:	**Good**
Concentration:	**60mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/05/2026**

Scan to verify authenticity at ils-lab.com

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	**0.061 EU/mL**		**PASS**

Certificate Change History — **ILS QA**

Revision 1 – reissued October 30, 2026
Certificate statement updated. Test results are unchanged. Supersedes the original issued 05/12/2026.

Notes & Methodology

1. Date Tested: 05/12/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be SA-2T 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 route-of-administration standard.
4. Chromatogram shown is representative: Conformity V4 (99.58% purity, closest to batch mean of 99.59%).

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Lab Director
5/12/2026

COA #: **COA-2026-35U0H1**
Access Code: **PZ-EZEON**
Verify: portal.ils-lab.com/verify/aq067-USf5D8Z2LL
Issued: 5/12/2026

ILS Laboratories | 8222 Vickers St, Suite 106, San Diego, CA 92111 | (619) 329-3999 | ils-lab.com
Quality System: ILS Laboratories operates an ISO/IEC 17025 quality management system. This certificate relates only to the sample(s) tested.