Certificate of Analysis

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

SA-2T - 20mg

PASS

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

COA #:	**COA-2026-TXICZA**	Method:	**Full QC Panel**
Lot Number:	**2T200426N**	Analysis Date:	**04/24/2026**
Accession #:	**ACC-2026-1082**	Appearance:	**Good**
Concentration:	**20mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**04/22/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity
SA-2T	**99.98%**

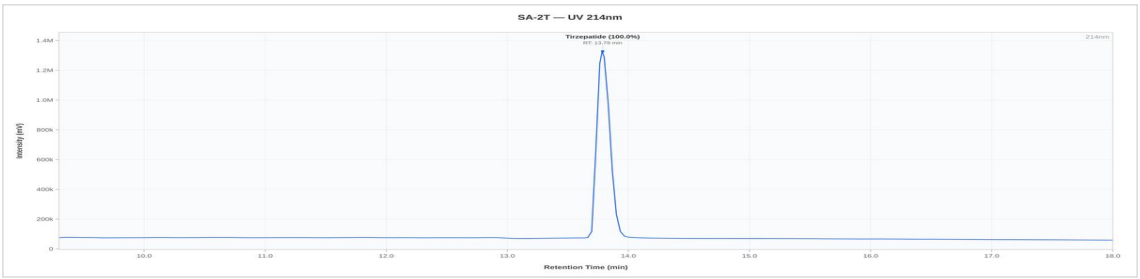


SA-2T 20mg - 2T200426N

Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.98%**	%	**PASS**
Net Peptide Content	Report Only	**20.77**	mg	N/A
Identity (ID)	Tirzepatide	**Confirmed**	-	**PASS**

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.94% purity, closest to batch mean of 99.95%)

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ils-lab.com

Dr. Greg Kalyuzhny
Lab Director
4/27/2026

COA #: **COA-2026-TXICZA**
Access Code: **VLAOCEAG**
Verify: portal.ils-lab.com/verify/PXFYFc9bAbZF_Lb3
Issued: 4/27/2026

Certificate of Analysis

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SA-2T - 20mg

PASS

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COA #:	**COA-2026-TXICZA**	Method:	**Full QC Panel**
Lot Number:	**2T200426N**	Analysis Date:	**04/24/2026**
Accession #:	**ACC-2026-1082**	Appearance:	**Good**
Concentration:	**20mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**04/22/2026**

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HPLC Conformity Testing Results (8 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.98%	20.77 mg	Confirmed	**PASS**
Conformity V1	99.94%	20.65 mg	Confirmed	**PASS**
Conformity V2	99.92%	20.58 mg	Confirmed	**PASS**
Conformity V3	99.92%	20.57 mg	Confirmed	**PASS**
Conformity V4	99.91%	21.03 mg	Confirmed	**PASS**
Conformity V5	99.99%	21.42 mg	Confirmed	**PASS**
Conformity V6	99.96%	20.87 mg	Confirmed	**PASS**
Conformity V7	99.94%	20.94 mg	Confirmed	**PASS**
Mean	**99.95%**	**20.85 mg**	—	—
Std Dev	**0.0274%**	**0.2654 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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Access Code: **VLAOCEAG**
Verify: portal.ils-lab.com/verify/PXFYFc9bAbZF_Lb3
Issued: 4/27/2026

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SA-2T - 20mg

PASS

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COA #:	**COA-2026-TXICZA**	Method:	**Full QC Panel**
Lot Number:	**2T200426N**	Analysis Date:	**04/24/2026**
Accession #:	**ACC-2026-1082**	Appearance:	**Good**
Concentration:	**20mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**04/22/2026**

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	**NMT 0.05 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 04/27/2026.

Notes & Methodology

1. Date Tested: 04/24/2026. Methods: Full QC Panel.
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 Inductively Coupled Plasma Mass Spectrometry (ICP-MS) per USP <233> methodology.
4. Chromatogram shown is representative: Conformity V1 (99.94% purity, closest to batch mean of 99.95%).

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Lab Director
4/27/2026

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Issued: 4/27/2026