

ILS Laboratories

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

SA-2T Tablets - 500mcg

PASS



Tested for: Southern Aminos

31938 Temecula Pkwy, Suite A PMB #361 Temecula, CA 92592 | www.southernaminos.com

COA #: **COA-2026-V7TZDA**
Lot Number: **SA2T50026B**
Accession #: **ACC-2026-1090**
Concentration: **500mcg**
Sample Matrix: **Capsule/Tablet**

Method: **Full QC Panel**
Analysis Date: **04/29/2026**
Appearance: **Good**
Volume: **bottle**
Received: **04/22/2026**



Scan to verify
authenticity at ils-lab.com

Identity

SA-2T Tablets

Purity

99.84%

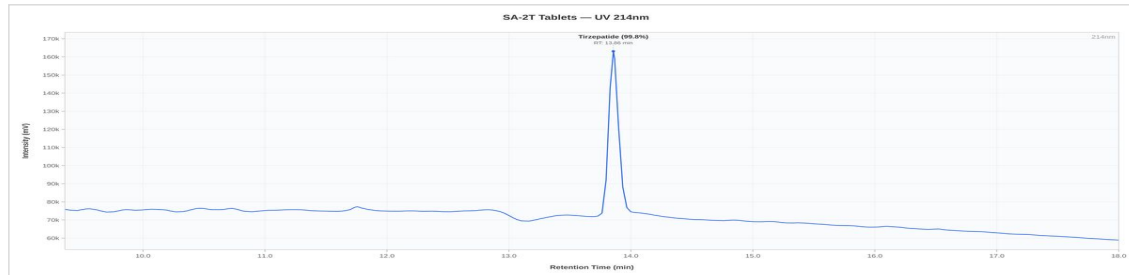
Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.84%	%	PASS
Net Peptide Content	Report Only	0.52	mg	N/A
Identity (ID)	Tirzepatide	Confirmed	-	PASS



SA-2T Tablets 500mcg - SA2T50026B

HPLC Chromatogram



Representative chromatogram, Conformity V3 (99.59% purity, closest to batch mean of 99.59%)



Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
4/29/2026

COA #: **COA-2026-V7TZDA**
Access Code: **MMIQO-ZU**
Verify: <portal.ils-lab.com/verify/jdgFnuNKK07PAa6g>
Issued: 4/29/2026

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HPLC Conformity Testing Results (8 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.84%	0.52 mg	Confirmed	PASS
Conformity V1	99.66%	0.53 mg	Confirmed	PASS
Conformity V2	99.84%	0.52 mg	Confirmed	PASS
Conformity V3	99.59%	0.52 mg	Confirmed	PASS
Conformity V4	99.67%	0.53 mg	Confirmed	PASS
Conformity V5	99.72%	0.53 mg	Confirmed	PASS
Conformity V6	99.54%	0.51 mg	Confirmed	PASS
Conformity V7	98.83%	0.52 mg	Confirmed	PASS
Mean	99.59%	0.52 mg	—	—
Std Dev	0.3027%	0.0066 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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Lot Number:	SA2T50026B	Analysis Date:	04/29/2026
Accession #:	ACC-2026-1090	Appearance:	Good
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Sample Matrix:	Capsule/Tablet	Received:	04/22/2026



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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: 04/29/2026. Methods: Full QC Panel.
2. The sample was confirmed to be SA-2T Tablets 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 V3 (99.59% purity, closest to batch mean of 99.59%).



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4/29/2026

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