

ILS Laboratories

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

SS-31 - 10mg

Tested for: QUALITY PEPTIDE USA

PASS

COA #: COA-2026-954777
Lot Number: QPUSASS31-0021
Accession #: ACC-2026-13172
Labeled Content: 10mg

Analysis Date: 07/31/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 07/29/2026



Scan to verify
authenticity at ils-lab.com
Access Code: P2KTF6RF

Method: Full QC Panel

Identity

SS-31

Peptide Purity

99.52%

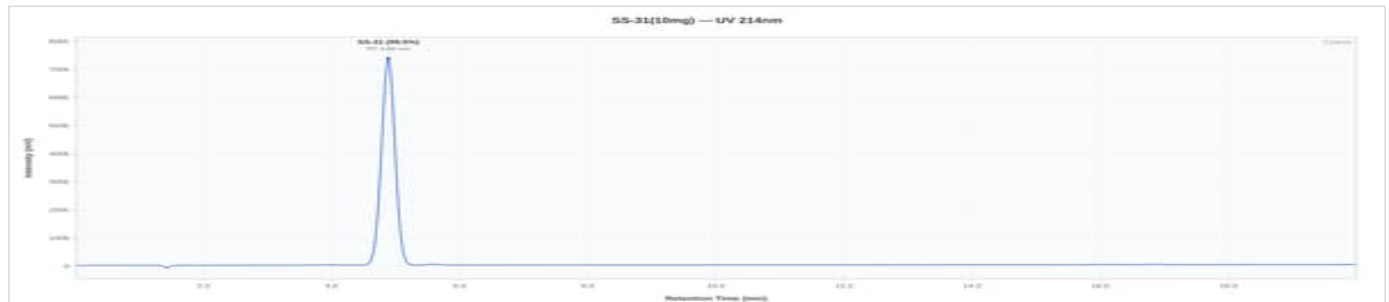


Fentanyl
Free

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.00%	99.52%	%	PASS
Net Peptide Content	Report Only	10.51	mg	N/A
Identity (HPLC-RTM)	SS-31	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



SS-31 10mg - QPUSASS31-0021: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5	Not Detected	PASS
Cadmium (Cd)	NMT 0.5	Not Detected	PASS
Lead (Pb)	NMT 1.0	Not Detected	PASS
Mercury (Hg)	NMT 1.5	Not Detected	PASS
Chromium (Cr)	NMT 10.0	Not Detected	PASS



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
7/31/2026

COA #: COA-2026-954777
Access Code: P2KTF6RF
Verify: portal.ils-lab.com/verify/DI5d1SACv0bIE8TF
Issued: 7/31/2026

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>)	NMT 0.05 EU/mL	NMT 0.05 EU/mL	PASS

Acceptance criteria: NMT 0.05 EU/mL per client specification.

Notes & Methodology

- 1. Date Tested: 08/03/2026. Methods: Full QC Panel.
- 2. The sample was confirmed to be SS-31 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 turbidimetric method. Acceptance criteria per client specification.
- 5. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.




Dr. Greg Kalyuzhny
Lab Director
7/31/2026

COA #: **COA-2026-954777**
Access Code: **P2KTF6RF**
Verify: <portal.ils-lab.com/verify/DI5d1SACv0bIE8TF>
Issued: 7/31/2026