Gold Standard Analytics

Gold Standard Analytics LLC, Houston, TX

CERTIFICATE OF ANALYSIS

Selank / Semax spray · LA Peptides · Lot 2618 · Unsigned draft

LA Peptides

PRODUCT	ORDER	SAMPLE
Selank / Semax spray	GSA-2026-000080	LA-SELSEMAX-20261125
LABEL	**UPLOAD DATE**	**BATCH**
10 mg each per bottle	Nov 25, 2026	2618



THE SAMPLE AS RECEIVED

IDENTITY

Selank / Semax

Pass

PURITY

Reference spray · Set E

99.33 %

Lot 2618 · Pass
HPLC-UV, 214 nm · 2 injections

HEAVY METALS

Pass

USP <232>, ICP-MS: Pb, Cd, Hg, As, Co, V, Ni

ENDOTOXINS

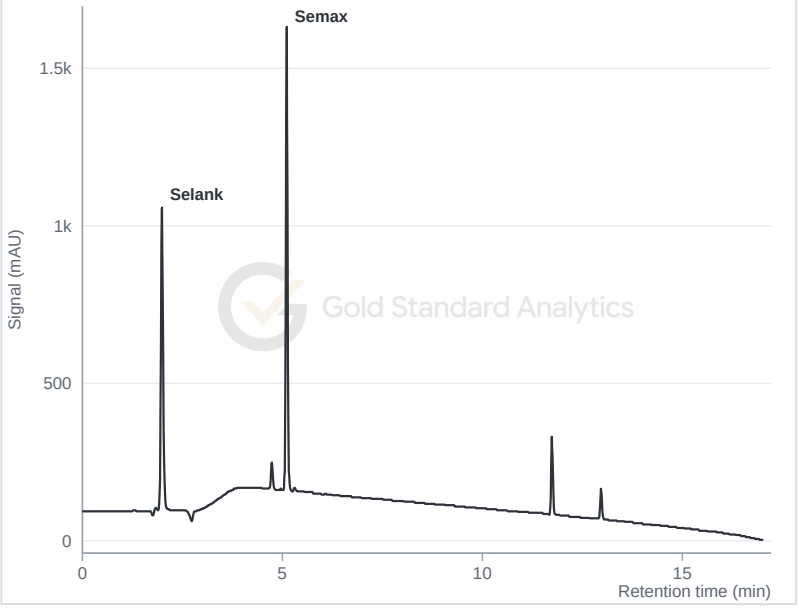
Pass

Spike recovery 82 %

Fentanyl screen Lot 2618 — **Pass**

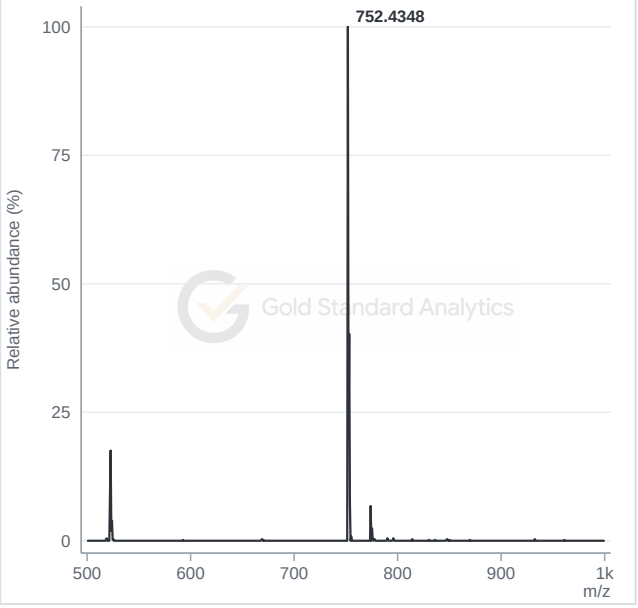
HPLC CHROMATOGRAM

Reference · 10 mg + 10 mg spray · Set D



MASS SPECTRUM

Reference · Selank reference vial · Set R



APPROVED FOR RELEASE

Ian Ebert, Laboratory Director

Signed electronically
26 Nov 2026, 04:34 UTC
Release record: last page

Results are not covered by ISO/IEC 17025 accreditation. Results relate only to the sample as received and tested.

The sample

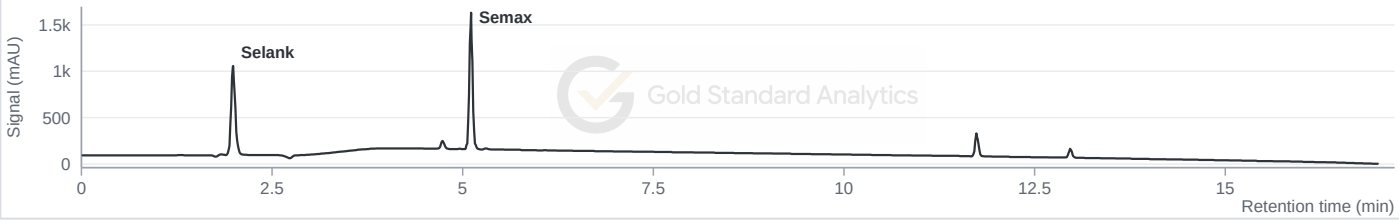
Selank / Semax spray · Lot 2618

Customer	**LA Peptides**	Prepared	**Not supplied**
Order	**GSA-2026-000080**		
Sample	**LA-SELSEMAX-20261125**	Tested	**Date not supplied**
Label	**Selank / Semax · 10 mg each per bottle**	Tests	**Identity, Purity, Impurity breakdown, Fentanyl screen, Bacterial endotoxins, Elemental impurities**

Graphs

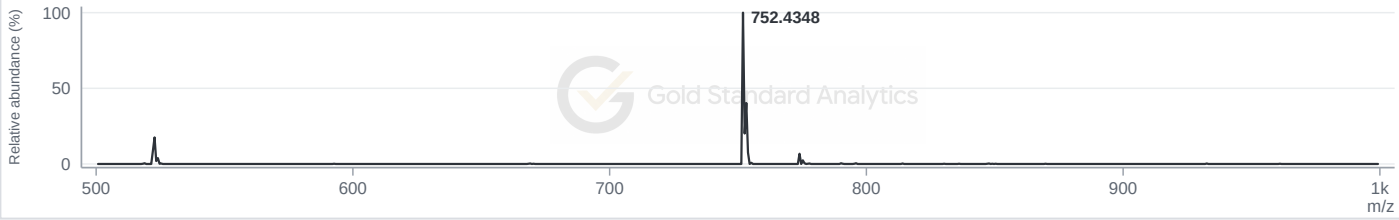
HPLC CHROMATOGRAM

Formulation reference · 10 mg + 10 mg spray · Set D



MASS SPECTRUM

Comparison sample · Selank reference vial · Set R



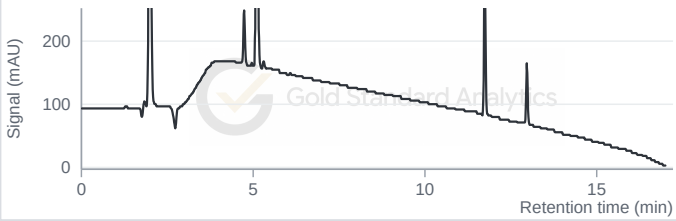
Results

Identity	**Pass.** Selank / Semax. Lot 2618.
Purity	**Reference spray · Set E · 99.33%** Lot 2618 · Pass. HPLC-UV, 214 nm · 2 injections. Lot-specific percentage not supplied.
Fentanyl screen	**Pass.** Lot 2618.
Bacterial endotoxins	**Pass.** Lot 2618. Spike recovery 82 %. Reference sample, set E · <37.5 EU/vial
Elemental impurities	**Pass.** Lot 2618. Reference sample, set E · Pb <0.063 µg/mL / As <1.1 µg/mL / Cd <0.035 µg/mL / Hg <0.8 µg/mL

Zoomed views

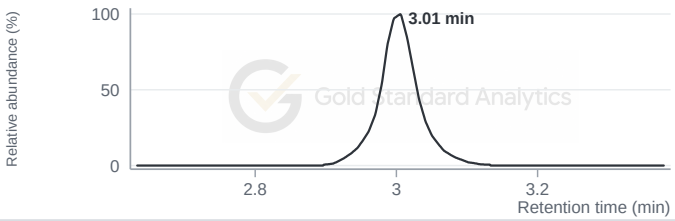
HPLC, SMALL PEAKS

Expanded UV scale · Set D



ION TRACE

Reference · Selank reference vial · Set R



Impurities

Individual impurity peaks · Lot 2618

PEAK (MIN)	AMOUNT	WHAT IT IS
—	—	Individual impurity retention times and areas were not supplied for lot 2618.

How it was tested

The HPLC chromatogram and small-peaks view show the same UV acquisition from 10 mg + 10 mg spray (set D).
The mass spectrum is from Selank reference vial (set R). The ion trace is from Selank reference vial (set R).
Net content. Reference sample, set E · Semax 10.423 mg per bottle / Selank 10.286 mg per bottle.
The attached graph index lists the acquisitions and source pages (7, 10, 20, 22, 24–25).

Notes

The customer supplied the pass results, spike recovery and HPLC-UV conditions for lot 2618.
The reference measurements are identified by test set. The source records give no lot 2618 link.

Release

Unsigned draft.

Customer and order	LA Peptides · GSA-2026-000080
Sample and report	LA-SELSEMAX-20261125 · Selank / Semax spray · Lot 2618
Report reference	Pending release
Certificate accession	Pending release
Date and time (UTC)	—
Approval reference	—
Original report SHA-256	—

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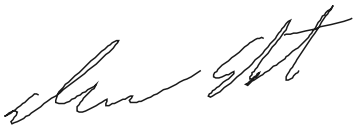
Customer and order	LA Peptides · Custom sample (no order)
Sample and report	Selank/Semax Spray · Certificate of Analysis
Report reference	GSA-COA-CUST-SELANK-SEMAX-SPRAY-UPL-670c960ef9b4
Certificate accession	GSA-2026-481089
Released and signed by	Ian Ebert, Laboratory Director
Date and time (UTC)	2026-11-26 04:34:03Z
Signature meaning	Approved for release. The signer reviewed this report and approved its release to its customer.
Approval reference	bf92afd2-6298-45da-bb41-1b5309faa77d
Electronic signature	Signed electronically in a signed-in GSA staff account.
Original report SHA-256	482e27a476e8aa83550edeae9628ac535b7d1e0c88f0ef20676dc42e3d34041e
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-481089

Scan to view this certificate online

Signature



Ian Ebert, Laboratory Director