

ILS Laboratories
 8222 Vickers St, Suite 106, San Diego, CA 92111
 (619) 329-3999 | ils-lab.com
GLP1-Sema - 20mg

Tested for: Peptaxlabs


PASS

COA #: **COA-2026-3BGEA5**
 Lot Number: **125-01-SM**
 Accession #: **ACC-2026-3509**
 Labeled Content: **20mg**

Method: **Full QC Panel**
 Analysis Date: **06/09/2026**
 Appearance: **Good**
 Sample Matrix: **Lyophilized**
 Date Received: **05/29/2026**



Scan to verify
 authenticity at ils-lab.com
 Access Code: 3UUYKBTX

GLP1-Sema Peptide Purity **99.07%** 

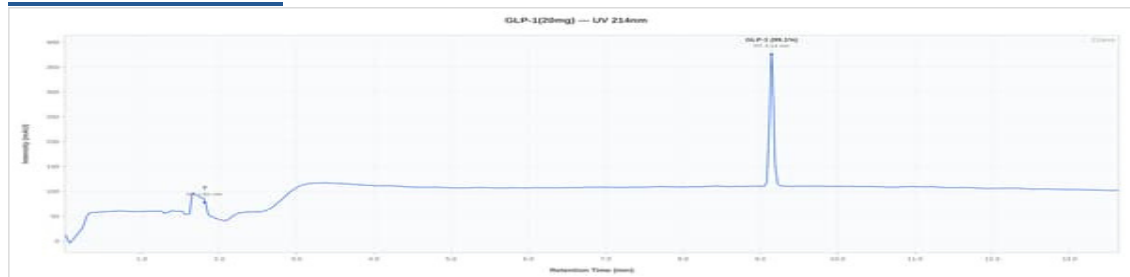


GLP1-Sema 20mg - 125-01-SM

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.07%	%	PASS
Net Peptide Content	Report Only	20.52	mg	N/A
Identity (HPLC-RTM)	Semaglutide	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



GLP1-Sema 20mg - 125-01-SM: UV Chromatogram

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

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS




Dr. Greg Kalyuzhny
 Lab Director
 6/9/2026

COA #: **COA-2026-3BGEA5**
 Access Code: **3UUYKBTX**
 Verify: portal.ils-lab.com/verify/gB_fwqzhKIXjXFge
 Issued: 6/9/2026

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	NMT 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 06/09/2026. Methods: Full QC Panel.
2. The sample was confirmed to be GLP1-Sema 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
6/9/2026

COA #: **COA-2026-3BGEA5**
Access Code: **3UUYKBTX**
Verify: portal.ils-lab.com/verify/gB_fWqzhKIXjXFge
Issued: 6/9/2026