

Sample Received: **June 1, 2026**COA Issued: **June 17, 2026**

PRODUCT INFORMATION

Vendor: **American Peptides** Sample Name: **Sema 20mg** Sample Type: **White lyophilized powder** Lot Number: **SEMA20-0528** MW (g/mol): **4113.6**

ANALYTICAL METHODS

Identity: Confirmed via MALDI-MS

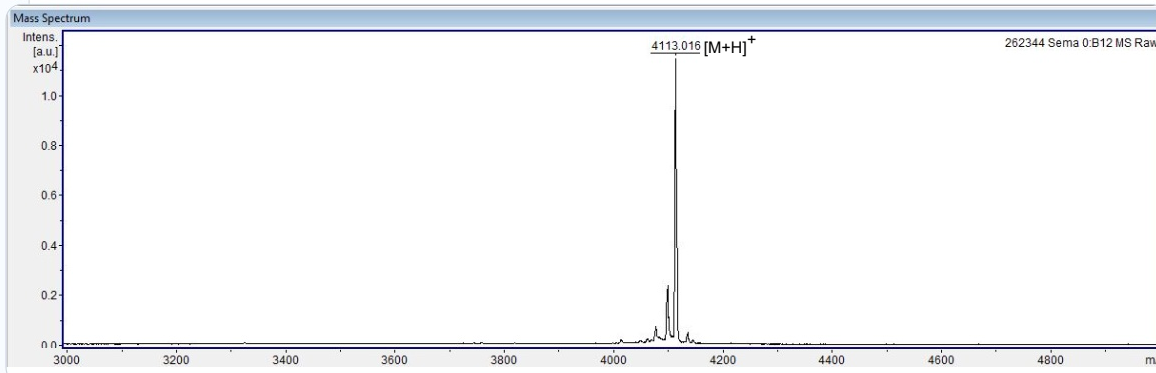
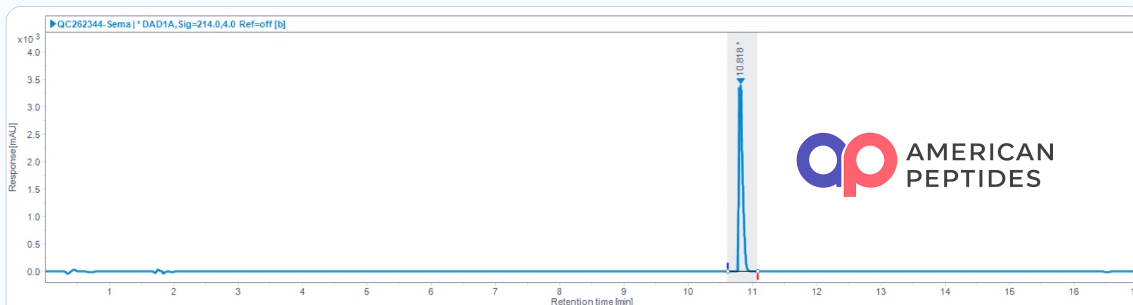
Purity: RP-HPLC (214 nm)

Content: HPLC quantitation

TEST RESULTS

Specification	Result	Method	Status
Identity: Sema	Semaglutide	MALDI-MS	✓ Conforms
Content	20.93 mg	HPLC Quantitation	✓ Conforms
Overall Purity	99.9%	RP-HPLC (214 nm)	✓ Conforms
Sterility	Not Detected	<USP71>	✓ Conforms
Heavy Metals	<0.01ppm	<USP232>	✓ Conforms
Endotoxin	<0.05 EU/mL	<USP85>	✓ Conforms

HPLC Chromatogram (Retention Time: 10.818 min)



Certification: This COA confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.

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