

Sample Received: June 1, 2026

COA Issued: June 17, 2026

## PRODUCT INFORMATION

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

## ANALYTICAL METHODS

Identity: Confirmed via MALDI-MS

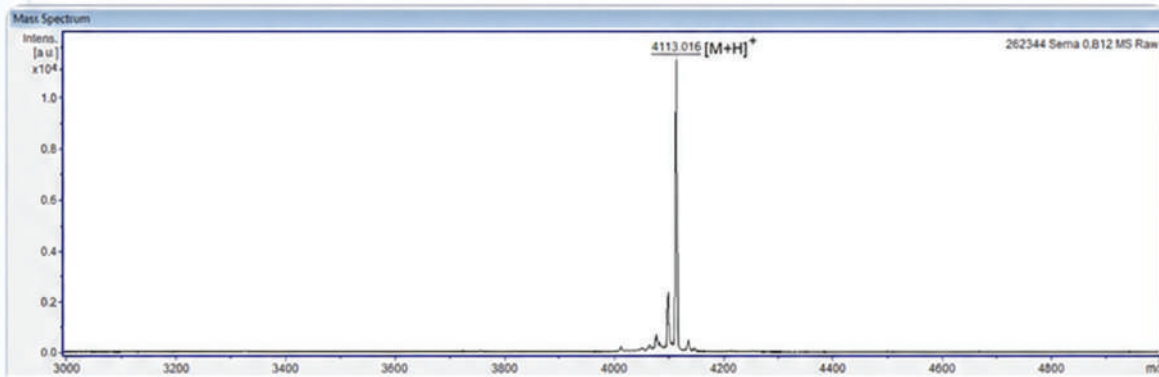
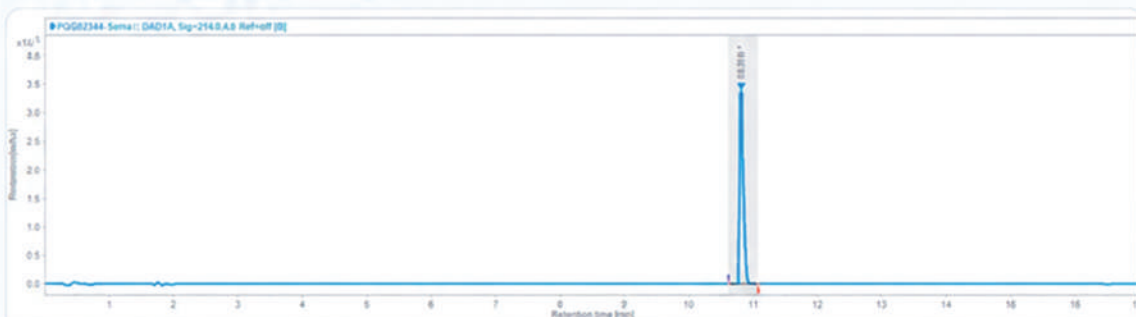
Purity: RP-HPLC (214 nm)

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.

Visit: <https://bioviridians.com/coa-search.html>

*Shane Straight*  
Shane Straight, M.S.  
Principal Chemist, Bioviridian Inc.