

PRODUCT

LOT NUMBER

TESTING LABORATORY

ACCREDITATION

MFG / EXPIRY

REPORT ISSUED

Semaglutide

PBL-24101

Aegis Bioanalytical Laboratories - independent

ISO/IEC 17025 · San Diego, CA

Mar 3, 2026 / Mar 2, 2028

Jul 12, 2026



SCAN TO VERIFY

REPORT ID    **AEG-1GBJ17I**

Verify authenticity at localhost:3060/verify

METHODS    RP-HPLC - purity · ESI-MS - identity · ICP-MS - heavy metals · LAL - endotoxin

TEST RESULTS

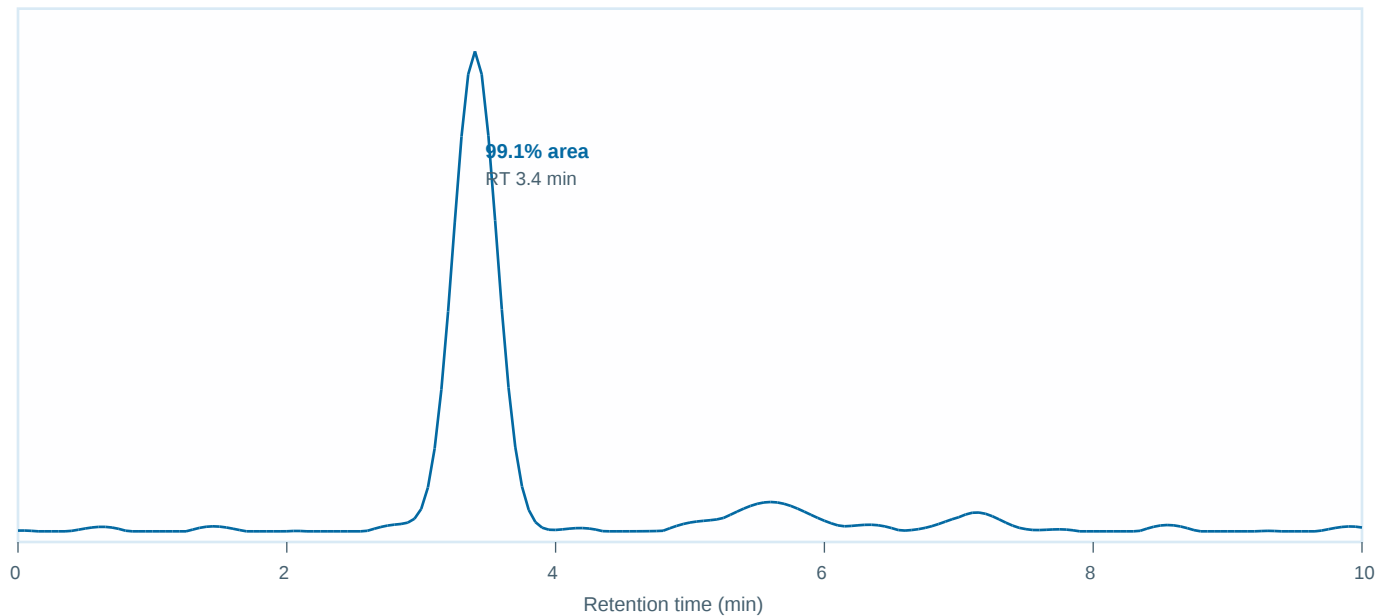
| TEST                         | RESULT                   | SPECIFICATION               | STATUS |
|------------------------------|--------------------------|-----------------------------|--------|
| Appearance                   | White lyophilized powder | Conforms                    | PASS   |
| Identity - ESI-MS            | 4113.58 g/mol (found)    | 4113.58 g/mol (theoretical) | PASS   |
| Purity - RP-HPLC             | 99.1%                    | >= 99.0%                    | PASS   |
| Net peptide content          | 89%                      | >= 80%                      | PASS   |
| Single impurity (max)        | 0.38%                    | <= 1.0%                     | PASS   |
| Water content (Karl Fischer) | 2.4%                     | <= 8.0%                     | PASS   |
| Acetate content              | 7.5%                     | <= 15%                      | PASS   |
| Heavy metals (ICP-MS)        | Pb/As/Cd/Hg < 1 ppm      | <= 10 ppm                   | PASS   |
| Bacterial endotoxin (LAL)    | < 1.1 EU/mg              | <= 10 EU/mg                 | PASS   |
| Bioburden                    | Not detected             | < 10 CFU/vial               | PASS   |

Authorized signatory, Quality Assurance  
Aegis Bioanalytical · Analytical Services

### RP-HPLC CHROMATOGRAM

Column: C18, 4.6 x 150 mm, 3.5  $\mu$ m · Gradient 0.1% TFA / acetonitrile · Detection 214 nm

Response (mAU)



### PEAK INTEGRATION

Main peak (target)

RT 3.4 min · 99.1% area

Related substances

< 1.0% total · largest single < 0.5%

ESI-MS identity

4113.58 g/mol (found) vs 4113.58 g/mol (theoretical)