

PRODUCT

LOT NUMBER

TESTING LABORATORY

ACCREDITATION

MFG / EXPIRY

REPORT ISSUED

Semax

PBL-24107

Aegis Bioanalytical Laboratories - independent

ISO/IEC 17025 · San Diego, CA

Mar 6, 2026 / Mar 5, 2028

Jul 12, 2026



SCAN TO VERIFY

REPORT ID **AEG-1GVI8LG**

Verify authenticity at localhost:3060/verify

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

TEST RESULTS

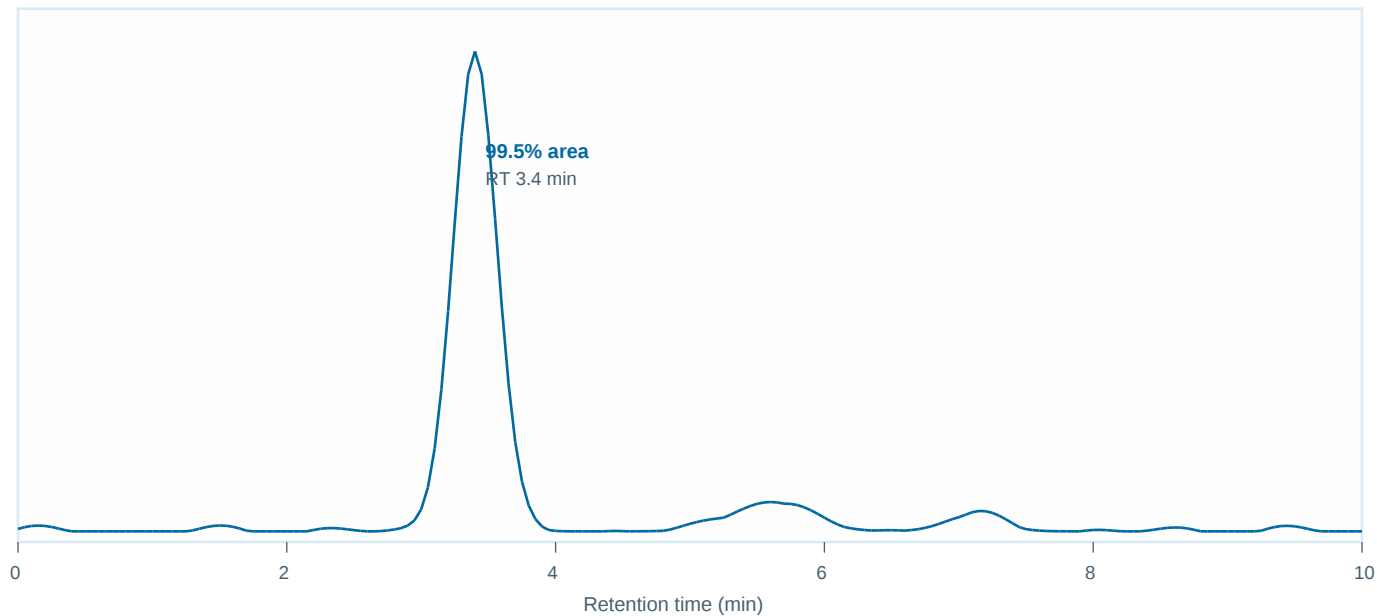
TEST	RESULT	SPECIFICATION	STATUS
Appearance	White lyophilized powder	Conforms	PASS
Identity - ESI-MS	813.92 g/mol (found)	813.92 g/mol (theoretical)	PASS
Purity - RP-HPLC	99.5%	>= 99.0%	PASS
Net peptide content	82%	>= 80%	PASS
Single impurity (max)	0.38%	<= 1.0%	PASS
Water content (Karl Fischer)	3.3%	<= 8.0%	PASS
Acetate content	6.8%	<= 15%	PASS
Heavy metals (ICP-MS)	Pb/As/Cd/Hg < 1 ppm	<= 10 ppm	PASS
Bacterial endotoxin (LAL)	< 2.8 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 μ m · Gradient 0.1% TFA / acetonitrile · Detection 214 nm

Response (mAU)



PEAK INTEGRATION

Main peak (target)	RT 3.4 min · 99.5% area
Related substances	< 1.0% total · largest single < 0.5%
ESI-MS identity	813.92 g/mol (found) vs 813.92 g/mol (theoretical)