PEPBIOTECH

Every lot, independently verified.

CERTIFICATE OF ANALYSIS

PRODUCT	HMG
LOT NUMBER	PBL-24174
TESTING LABORATORY	Aegis Bioanalytical Laboratories - independent
ACCREDITATION	ISO/IEC 17025 · San Diego, CA
MFG / EXPIRY	Jun 24, 2026 / Jun 23, 2028
REPORT ISSUED	Jul 12, 2026

SCAN TO VERIFY

REPORT ID **AEG-0HNEOLM** Verify authenticity at localhost:3060/verify

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

TEST RESULTS

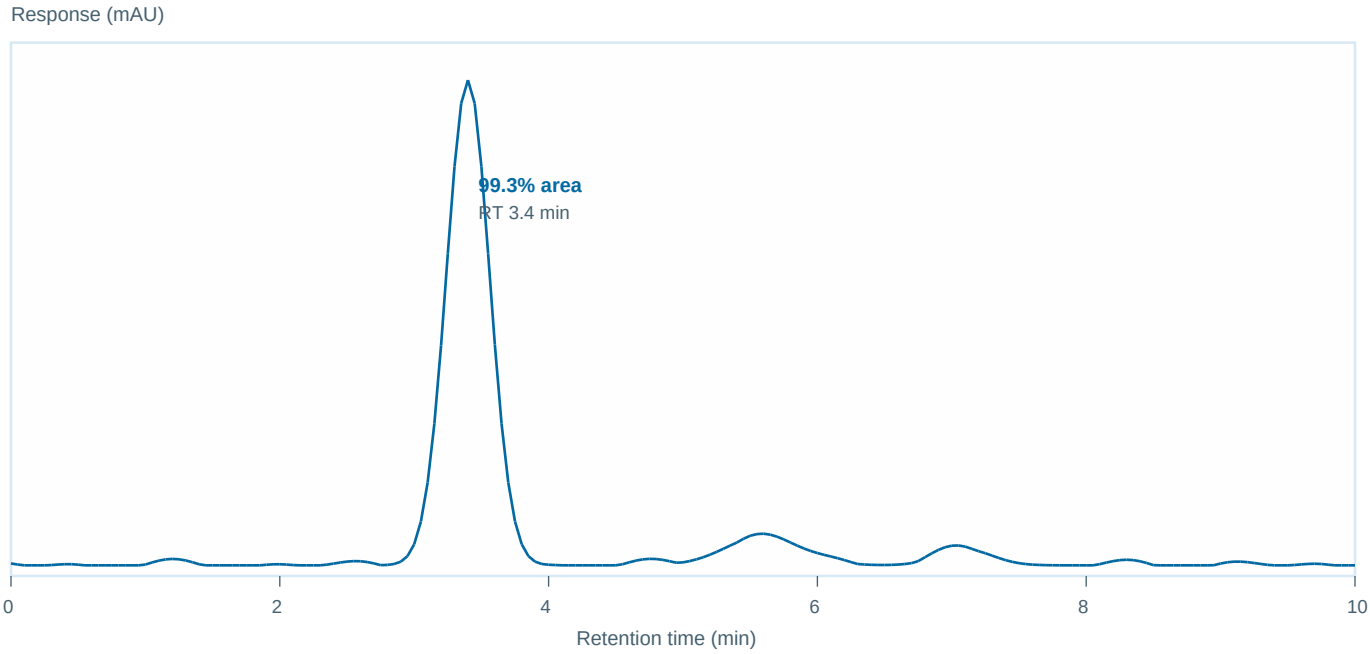
TEST	RESULT	SPECIFICATION	STATUS
Appearance	White lyophilized powder	Conforms	PASS
Identity - ESI-MS	Conforms (found)	Conforms (theoretical)	PASS
Purity - RP-HPLC	99.3%	>= 98.0%	PASS
Net peptide content	91%	>= 80%	PASS
Single impurity (max)	0.31%	<= 1.0%	PASS
Water content (Karl Fischer)	2.8%	<= 8.0%	PASS
Acetate content	6.2%	<= 15%	PASS
Heavy metals (ICP-MS)	Pb/As/Cd/Hg < 1 ppm	<= 10 ppm	PASS
Bacterial endotoxin (LAL)	< 2.2 EU/mg	<= 10 EU/mg	PASS
Bioburden	Not detected	< 10 CFU/vial	PASS

Authorized signatory, Quality Assurance
Aegis Bioanalytical · Analytical Services

SPECIMEN - illustrative data shown pending the real laboratory report for this lot. Values are representative of the release specification, not an actual analysis.

RP-HPLC CHROMATOGRAM

Column: C18, 4.6 x 150 mm, 3.5 um · Gradient 0.1% TFA / acetonitrile · Detection 214 nm



PEAK INTEGRATION

Main peak (target)	RT 3.4 min · 99.3% area
Related substances	< 1.0% total · largest single < 0.5%
ESI-MS identity	Conforms (found) vs Conforms (theoretical)