

PRODUCT Livagen
LOT NUMBER PBL-24214
TESTING LABORATORY Aegis Bioanalytical Laboratories - independent
ACCREDITATION ISO/IEC 17025 · San Diego, CA
MFG / EXPIRY Jun 27, 2026 / Jun 26, 2028
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REPORT ID **AEG-0TKF2N9** Verify authenticity at localhost:3060/verify

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

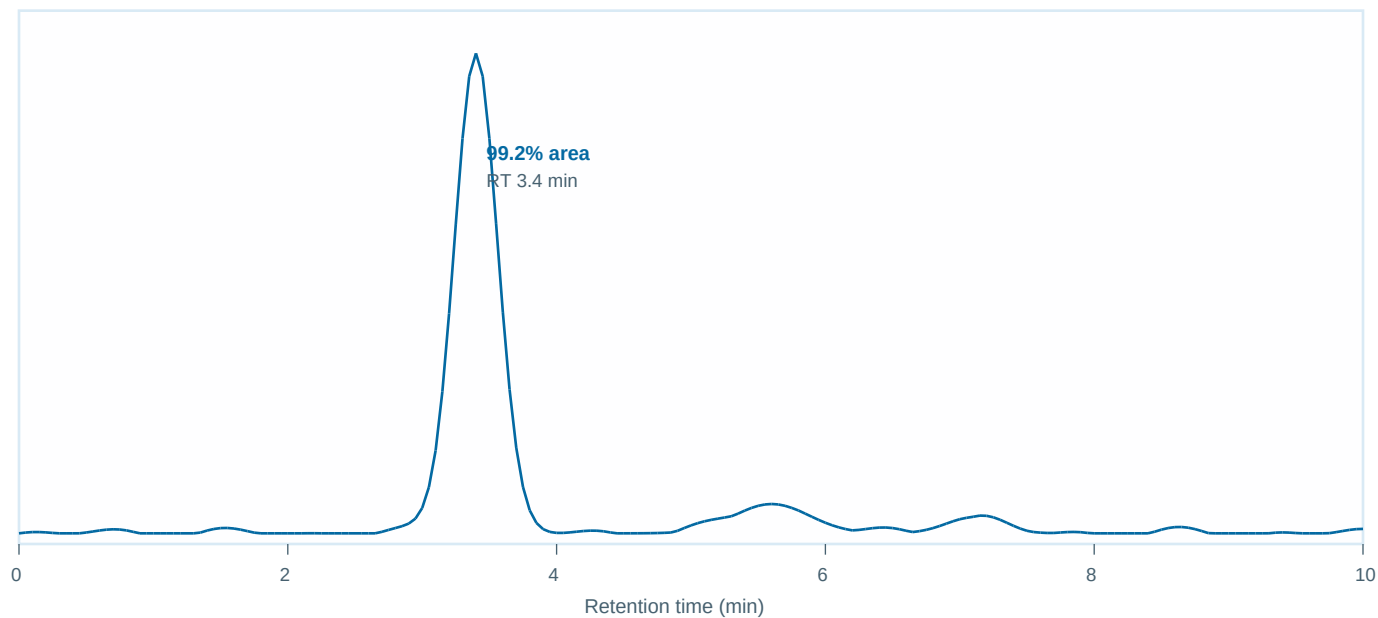
TEST RESULTS

TEST	RESULT	SPECIFICATION	STATUS
Appearance	White lyophilized powder	Conforms	PASS
Identity - ESI-MS	Conforms (found)	Conforms (theoretical)	PASS
Purity - RP-HPLC	99.2%	>= 98.0%	PASS
Net peptide content	82%	>= 80%	PASS
Single impurity (max)	0.17%	<= 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)	< 3.7 EU/mg	<= 10 EU/mg	PASS
Bioburden	Not detected	< 10 CFU/vial	PASS

Authorized signatory, Quality Assurance
Aegis Bioanalytical · Analytical Services

RP-HPLC CHROMATOGRAMColumn: 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 · 99.2% area

Related substances

< 1.0% total · largest single < 0.5%

ESI-MS identity

Conforms (found) vs Conforms (theoretical)