

CERTIFICATE OF ANALYSIS

Public sample COA verification record for qualified procurement review. Live order batches require PeptideSource QA confirmation before buyer file use.

Product Name:	Tirzepatide	Batch No.:	PS-TIR-2606-001
Molecular Formula:	C225H348N48O68	Quantity:	10 mg / vial
Molecular Weight:	4813.4 g/mol	Mfg. Date:	June 15th, 2026
CAS No.:	2023788-19-2	Retest Date:	June 15th, 2028
COA No.:	COA-PS-TIR-2606-001	Storage:	-20 C, protect from light

TEST ITEM	ACCEPTANCE CRITERIA	RESULT	STATUS
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder	Pass
Identification (LC-MS)	Consistent with reference standard	Conforms	Pass
Peptide Purity (HPLC)	NLT 98.0%	99.78%	Pass
Related Impurities	Each impurity NMT 1.0%; total NMT 2.0%	Each <= 0.30%; total 0.62%	Pass
Mass Spectrum (ESI-MS)	4813.4 Da theoretical	4813.4 Da	Pass
Peptide Content (Assay)	NLT 90.0% on dry basis	95.1%	Pass
Water Content (KF)	NMT 7.0%	1.8%	Pass
Residual Solvents (GC)	ACN NMT 410 ppm; DCM NMT 600 ppm; MTBE NMT 5000 ppm	ACN 184 ppm; others N.D.	Pass
Heavy Metals (as Pb)	NMT 10 ppm	< 2 ppm	Pass
Bacterial Endotoxins	NMT 1 EU/mg	< 0.05 EU/mg	Pass
Microbial Limits	TAMC NMT 100 cfu/g; TYMC NMT 100 cfu/g	TAMC < 20; TYMC < 20 cfu/g	Pass
Fill Content	10 mg/vial +/-10%	10.0 mg/vial	Pass

QA APPROVAL

Testing completed June 15th, 2026

Kevin Fang

Quality Assurance Reviewer - signed June 16th, 2026

DOCUMENT CONTROL

Release decision Approved for sample verification

Document status Demo record - QA confirmation required

Sample batch notice: This is a PeptideSource public demo verification record for workflow review.
 Live customer order batches require QA confirmation, order context, or controlled access before full release files are displayed.