

# CERTIFICATE OF ANALYSIS

Public sample verification record. Live customer batches require QA confirmation before file release.

**PRODUCT NAME**

**Acetic Acid Water 0.6% (AA)**

**MOLECULAR FORMULA**

**C2H4O2**

**MOLECULAR WEIGHT**

**60.0 g/mol**

**CAS NO.**

**64-19-7**

**COA NO.**

**COA-PS-AAW06A-2606-072**

**BATCH NO.**

**PS-AAW06A-2606-072**

**SPECIFICATION**

**3ml / 10vials**

**MFG. DATE**

**16 June 2026**

**RETEST DATE**

**16 June 2028**

**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 or controlled identity file	Conforms	Pass
Peptide Purity (RP-HPLC)	NLT 98.0%	99.04%	Pass
Related Impurities (HPLC)	Each impurity NMT 1.0%; total NMT 2.0%	Each <= 0.49%; total 1.07%	Pass
Mass Spectrum (ESI-MS)	60 Da theoretical	60 Da	Pass
Peptide Content (Assay)	NLT 90.0% on dry basis	93.8%	Pass
Water Content (Karl Fischer)	NMT 7.0%	1.8%	Pass
Residual Solvents (GC)	ACN NMT 410 ppm; DCM NMT 600 ppm; MTBE NMT 5000 ppm	ACN 124 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	Catalog fill +/-10%	Conforms to catalog fill	Pass

**QA APPROVAL**

Testing completed 16 June 2026

*Kevin Fang*

Quality Assurance Reviewer - Kevin Fang · 18 June 2026

**DOCUMENT CONTROL**

**RELEASE DECISION**

**Approved for sample verification**

**DOCUMENT STATUS**

**Demo record - QA confirmation required**

Sample notice: This public record demonstrates the PeptideSource verification format. Current customer lots require QA confirmation, order context, or controlled access before full release files are displayed.