PeptideSource
B2B RESEARCH MATERIALS

PUBLIC SAMPLE
PS-CARTALAX-2606-089

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Verify online

CERTIFICATE OF ANALYSIS

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

PRODUCT NAME
Cartalax

MOLECULAR FORMULA
C12H19N3O8

MOLECULAR WEIGHT
333.3 g/mol

CAS NO.
Batch-specific identity

COA NO.
COA-PS-CARTALAX-2606-089

BATCH NO.
PS-CARTALAX-2606-089

SPECIFICATION
20 mg / vial

MFG. DATE
19 June 2026

RETEST DATE
19 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%	99.22%	Pass
Related Impurities (HPLC)	Each impurity NMT 1.0%; total NMT 2.0%	Each <= 0.40%; total 0.87%	Pass
Mass Spectrum (ESI-MS)	333.3 Da theoretical	333.3 Da	Pass
Peptide Content (Assay)	NLT 90.0% on dry basis	93.2%	Pass
Water Content (Karl Fischer)	NMT 7.0%	3.2%	Pass
Residual Solvents (GC)	ACN NMT 410 ppm; DCM NMT 600 ppm; MTBE NMT 5000 ppm	ACN 333 ppm; others N.D.	Pass
Heavy Metals (as Pb)	NMT 10 ppm	< 2 ppm	Pass
Bacterial Endotoxins	NMT 1 EU/mg	< 0.10 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%	20 mg / vial	Pass

QA APPROVAL

Testing completed 19 June 2026

Kevin Fang

Quality Assurance Reviewer - Kevin Fang · 21 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.