



AODT Peptide Inc.
One Kendall Square, Cambridge, MA 02139, USA

Document No.
AODT-QC-JN0083

CERTIFICATE OF ANALYSIS

CJC-1295 (no DAC)

CAS No. 863288-34-0

Batch No. **PB-2026-CJN-0083**
Grade **Research**
Issue Date **May 05, 2026**

✉ notification@aodtpeptides.com | 🌐 www.aodtpeptides.com

🛡️ ISO 9001:2015 **GMP Certified**

📊 Purity (HPLC)

99.1%

🧬 Molecular Weight

3367.97 Da

🧪 Test Method

RP-HPLC / ESI-MS

🛡️ Endotoxin

N/A (Research Grade)

Appearance
White lyophilized powder

Storage Condition
-20°C, dry, dark

Retest Date
24 months from manufacture

🔗 **Amino Acid Sequence** (30 residues)

Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH₂

Formula: **C₁₅₂H₂₅₂N₄₄O₄₂** Length: **30 aa**

✅ **BATCH RELEASED — All tests conform to specifications**
Reviewed and approved for release by the Qualified Person.

AUTHORIZED & RELEASED BY



Dr. Marcus J. Holloway
VP Quality Affairs / Qualified Person
AODT Peptide Inc. · Cambridge, MA
Issue Date: May 05, 2026

QC Laboratory
Analytical Testing Dept.

Certification
ISO 9001:2015 · Research

VERIFY DOCUMENT



AODT Peptide Inc.
Scan to verify



Document Verification
AODT-5262-29F4-89D0 📄

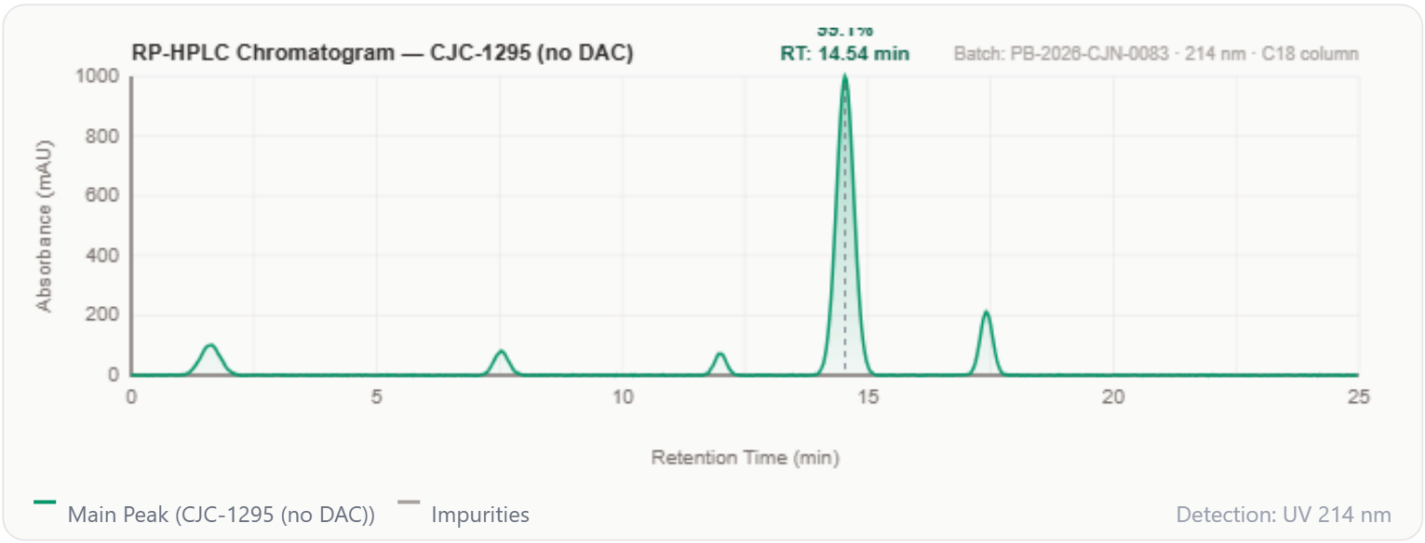
🔗 **Verify Online**

🔗 Hash: 922e98dad8f15957c01f9c01556cd57c

RP-HPLC Purity Analysis

Reversed-phase HPLC · UV detection at 214 nm

Purity: 99.1%



INSTRUMENT & METHOD PARAMETERS

Instrument Agilent 1260 Infinity II	Column Phenomenex Luna C18, 250×4.6mm, 5µm	Mobile Phase A 0.1% TFA in H ₂ O
Mobile Phase B 0.1% TFA in ACN	Gradient 5→65% B over 30 min	Flow Rate 1.0 mL/min
Detection UV 214 nm	Injection Volume 10 µL	Column Temp. 40°C

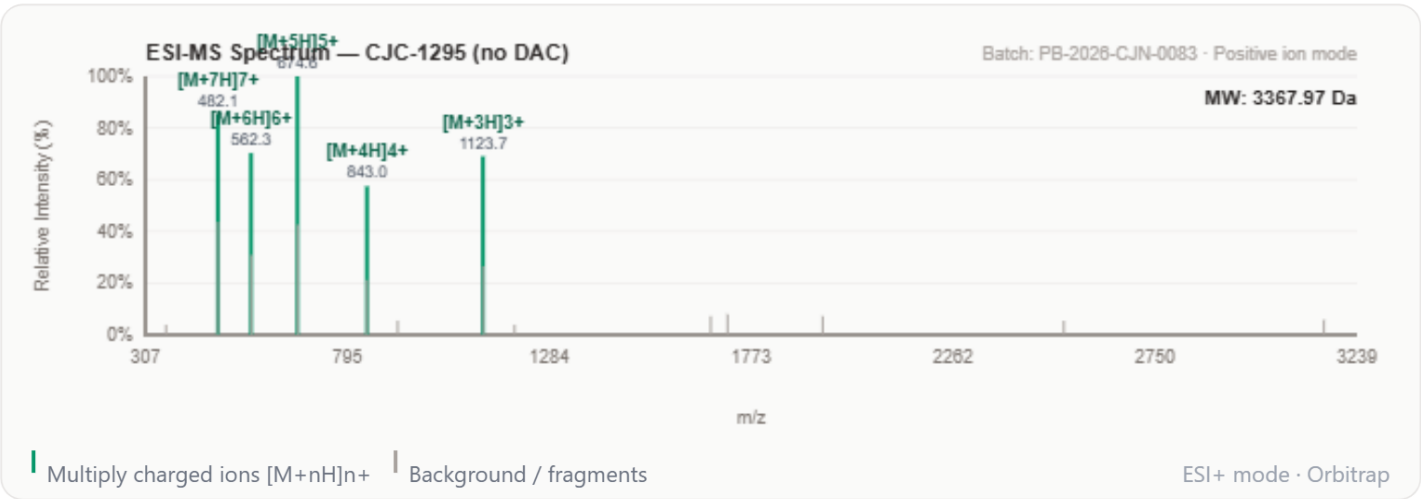
PEAK INTEGRATION TABLE

Peak #	RT (min)	Area	Area %	Assignment
1	13.42	2,847,391	99.1%	CJC-1295 (no DAC) (main)
2	8.17	28,473	0.28%	Des-amino impurity
3	16.83	14,237	0.14%	Oxidized Met variant
4	1.54	18,291	0.18%	Solvent front

ESI-MS Mass Spectrum

Electrospray ionization · Positive ion mode · Orbitrap

MW: 3367.97 Da



MS INSTRUMENT PARAMETERS

Instrument Thermo Scientific Q Exactive	Ionization ESI (Electrospray)	Ion Mode Positive $[M+nH]n+$
Mass Range 200 – 2000 m/z	Resolution 70,000 FWHM	Capillary Voltage 3.5 kV
Source Temp. 320°C	Sheath Gas N ₂ , 35 arb	Mass Accuracy < 5 ppm

DECONVOLUTED MASS RESULT

Theoretical MW 3367.97 Da	Observed MW 3367.86 Da	Mass Error < 2 ppm
✔ Molecular weight confirmed — consistent with theoretical value within instrument tolerance		

CC(C)C(=O)OCCOc1ccc(C=CC=O)cc1C(=O)O

aa Basic (Lys/Arg/His) aa Acidic (Asp/Glu) aa Aromatic (Phe/Trp/Tyr) aa Other

 ANALYTICAL TEST RESULTS

Batch: PB-2026-CJN-0083

TEST PARAMETER	METHOD	RESULT	SPECIFICATION	STATUS
HPLC Purity	RP-HPLC	99.1%	≥99.0%	PASS
Molecular Weight (MS)	ESI-MS	3368.0 Da	3367.97 ± 0.5 Da	PASS
Amino Acid Analysis	AAA	Conforms	Conforms to sequence	PASS
Appearance	Ph. Eur.	White lyophilized powder	White to off-white powder	PASS
Solubility	Ph. Eur.	Soluble in water	Soluble in water (≥1 mg/mL)	PASS
Water Content (KF)	Karl Fischer	5.4%	≤ 8.0%	PASS
Residual Solvents	Ph. Eur.	< ICH Q3C limits	ICH Q3C Class 2	PASS

7

Tests Passed

7

Total Tests

100%

Pass Rate

BATCH RELEASED — All tests conform to specifications

Approved by QP: Dr. Marcus J. Holloway · May 05, 2026