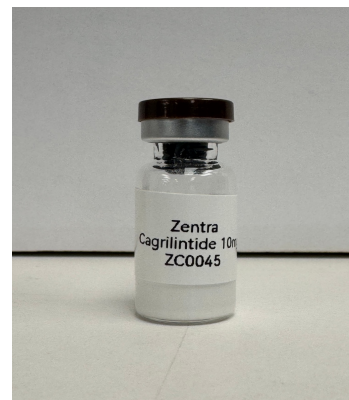


CERTIFICATE OF ANALYSIS

COA #: **SD20260829_002_CAR10**

SAMPLE INFORMATION

Client	Zentra Brands Limited	Accession #	SD20260829_002
Compound	Cagrilintide	Date Received	08/28/2026
Molecular Formula	C194H312N54O59S2	Date Reported	09/01/2026
Appearance	White lyophilized powder	Labeled Quantity	10mg
Sample Form	Lyophilized Vial	Lot / Batch #	ZC0045
Storage	Room Temp	CAS Number	1415456-99-3
Cap Color	Black		



All Chemical Analysis Performed by LC-MS/MS

ANALYTICAL RESULTS

Test / Analysis	Method	Specification	Result	Status
Identity (Mass Confirmation)	LC-MS/MS	Matches reference mass	Cagrilintide	Pass
Purity	LC-MS/MS	≥ 95.0%	99.42%	Pass
Net Peptide Content	LC-MS/MS	Report value	10.857 mg	Pass
Observed Molecular Mass	LC-MS	Within ± 1.0 Da	[M+3H] ³⁺ m/z ≈ 1102.6	Pass
Theoretical Molecular Mass	Reference	—	4409.01 (peptide backbone mass ~3300 Da)	Pass
Related Substances / Impurities	LC-MS/MS	Report value	Not Detected	Pass
Residual Solvents	LC-MS/MS	Report value	Not Detected	Pass

John Humes, MS. **John Humes, MS.**
Analyzed by · Laboratory Analyst · 09/01/2026

Chetan Soni, PhD. **Chetan Soni, PhD.**
Approved by · Laboratory Director · 09/01/2026

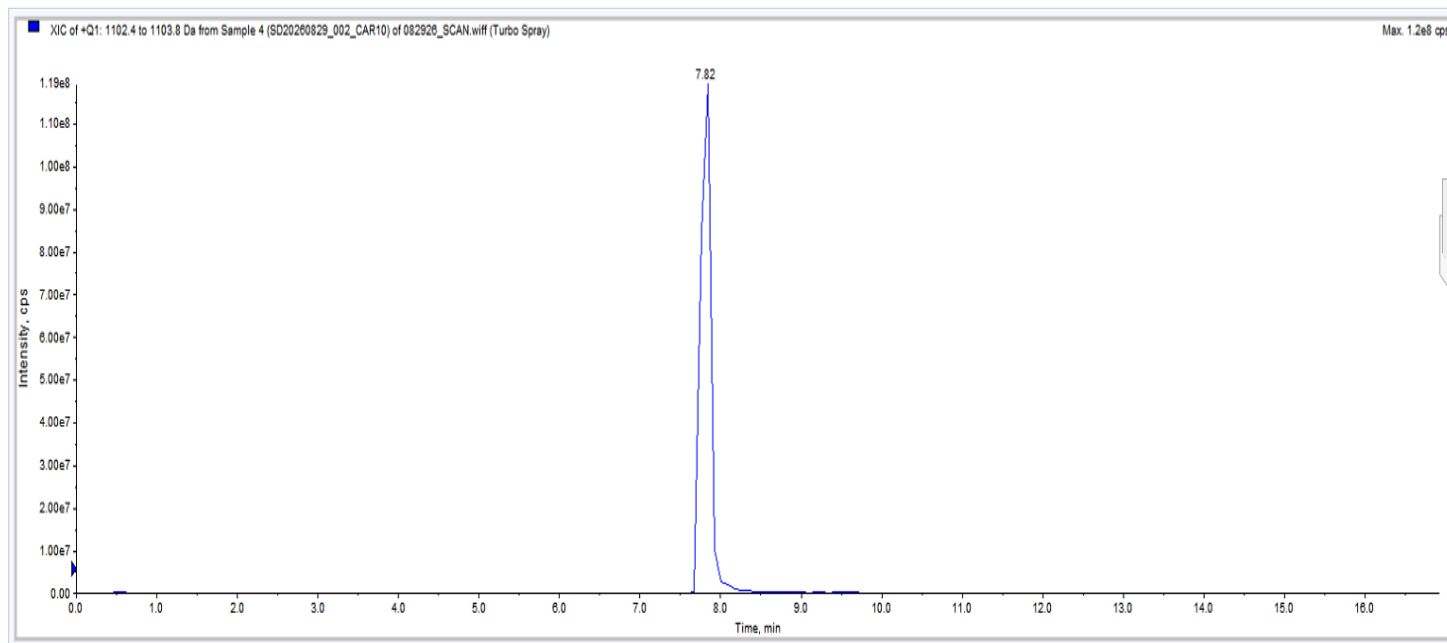
IMPORTANT NOTICE - FOR RESEARCH USE ONLY

This Certificate of Analysis is provided for informational and research purposes only. The sample(s) tested are intended solely for in vitro research, laboratory experimentation, and analytical reference use - not for human or animal consumption, medical diagnosis, therapeutic application, or any clinical use. Results apply only to the specific sample(s) submitted and tested. Unauthorized reproduction of this document is prohibited without written approval from Sonic Laboratories.

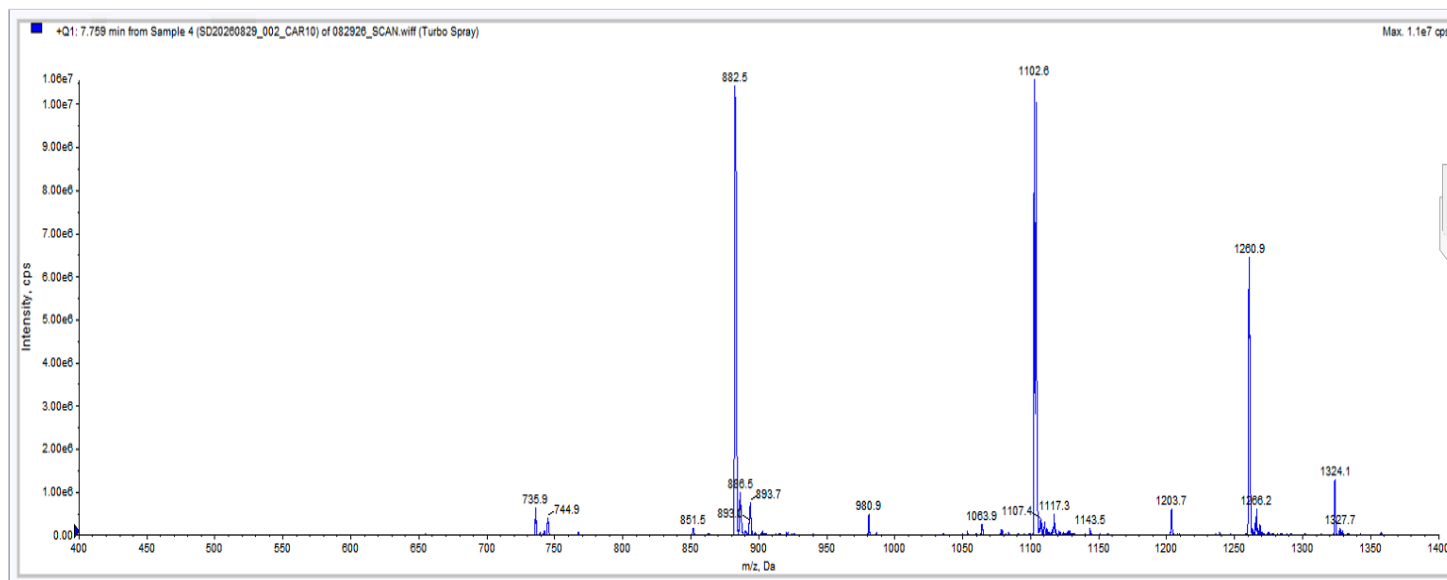
ANALYTICAL DATA

COA #: **SD20260829_002_CAR10**

CHROMATOGRAM



MASS SPECTRUM (LC-MS)



John Humes, MS.

John Humes, MS.

Analyzed by · Laboratory Analyst · 09/01/2026

Chetan Soni, PhD.

Chetan Soni, PhD.

Approved by · Laboratory Director · 09/01/2026

IMPORTANT NOTICE - FOR RESEARCH USE ONLY

This Certificate of Analysis is provided for informational and research purposes only. The sample(s) tested are intended solely for in vitro research, laboratory experimentation, and analytical reference use - not for human or animal consumption, medical diagnosis, therapeutic application, or any clinical use. Results apply only to the specific sample(s) submitted and tested. Unauthorized reproduction of this document is prohibited without written approval from Sonic Laboratories.

ANALYTICAL INTERPRETATION

Chromatogram

Retention Time Match

Mass Spectrum (LC-MS)

Analyte: Cagrilintide

Sample ID: SD20260829_002_CAR10

Method (Identity): LC-MS, positive-mode Q1 full scan, TurboSpray ionization

Retention time: 7.759min

The Q1 full-scan spectrum shows dominant ions at $m/z \approx 832.5$ ($[M+4H]^4$), 1102.6 ($[M+3H]^3$), and 1209.9 ($[M+2H]^2$), consistent with the expected charge-state envelope for Cagrilintide (MW ≈ 3318 Da). Secondary peaks at $m/z \approx 886.5$ – 893.7 ($[M+4H+Na]^4$), 980.9 ($[M+3H+Na]^3$), and 1324 – 1327 ($[M+H]$) correspond to adducts and higher charge states. The isotopic distribution and charge-state spacing confirm a multiply protonated peptide species typical of Cagrilintide under positive-mode ESI conditions.

Interpretation: Identity by LC-MS Q1 full scan — Confirmed (Cagrilintide detected; Q1 profile consistent with reference standard).

John Humes, MS.

John Humes, MS.

Analyzed by · Laboratory Analyst · 09/01/2026

Chetan Soni, PhD.

Chetan Soni, PhD.

Approved by · Laboratory Director · 09/01/2026

IMPORTANT NOTICE - FOR RESEARCH USE ONLY

This Certificate of Analysis is provided for informational and research purposes only. The sample(s) tested are intended solely for in vitro research, laboratory experimentation, and analytical reference use - not for human or animal consumption, medical diagnosis, therapeutic application, or any clinical use. Results apply only to the specific sample(s) submitted and tested. Unauthorized reproduction of this document is prohibited without written approval from Sonic Laboratories.