

CERTIFICATE OF ANALYSIS

COA #: **SD20260820_010_SNAP10**

SAMPLE INFORMATION

Client	Zentra brands limited	Accession #	SD20260820_010
Compound	SNAP-8	Date Received	08/20/2026
Molecular Formula	C41H70N16O16S	Date Reported	08/22/2026
Appearance	White lyophilized powder	Labeled Quantity	10mg
Sample Form	Lyophilized Vial	Lot / Batch #	ZC0036
Storage	Room Temp	CAS Number	868844-74-0
Cap Color	White		



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	SNAP-8	Pass
Purity	LC-MS/MS	≥ 95.0%	99.427%	Pass
Net Peptide Content	LC-MS/MS	Report value	11.23 mg	Pass
Observed Molecular Mass	LC-MS	Within ± 1.0 Da	1075.8 [M+H]	Pass
Theoretical Molecular Mass	Reference	—	1075.17 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 · 08/22/2026

Chetan Soni, PhD. **Chetan Soni, PhD.**
Approved by · Laboratory Director · 08/22/2026

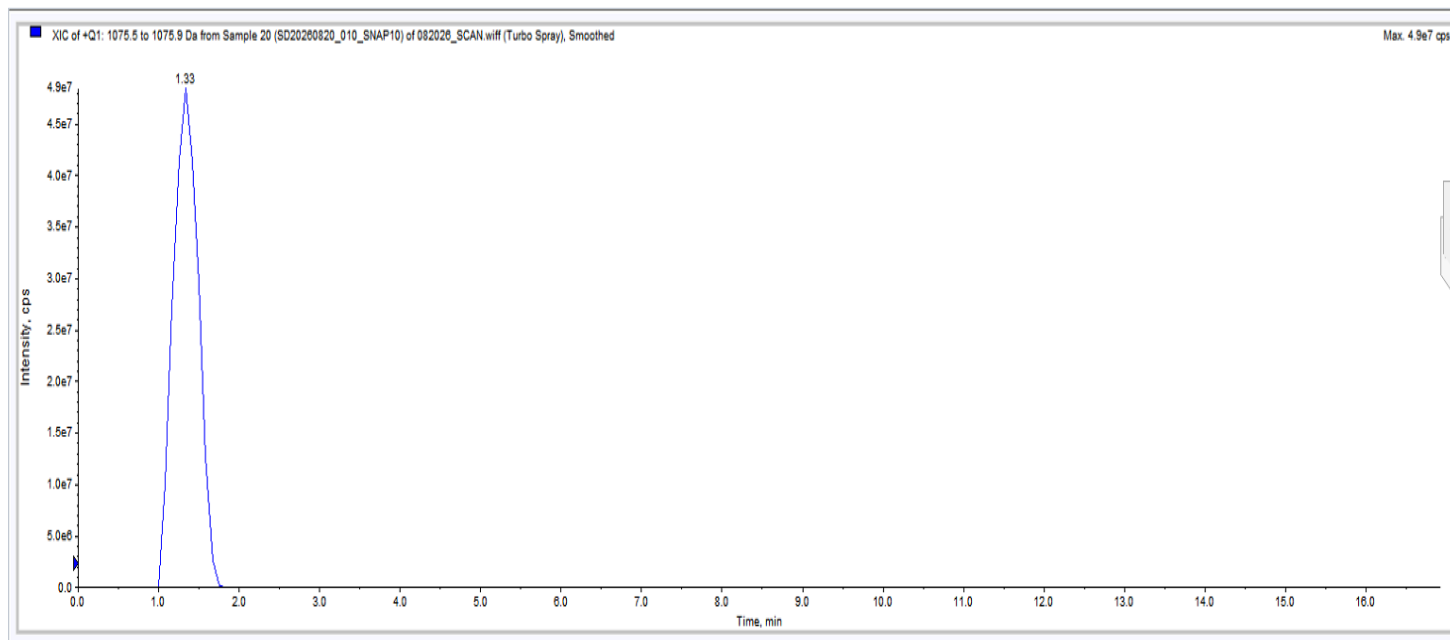
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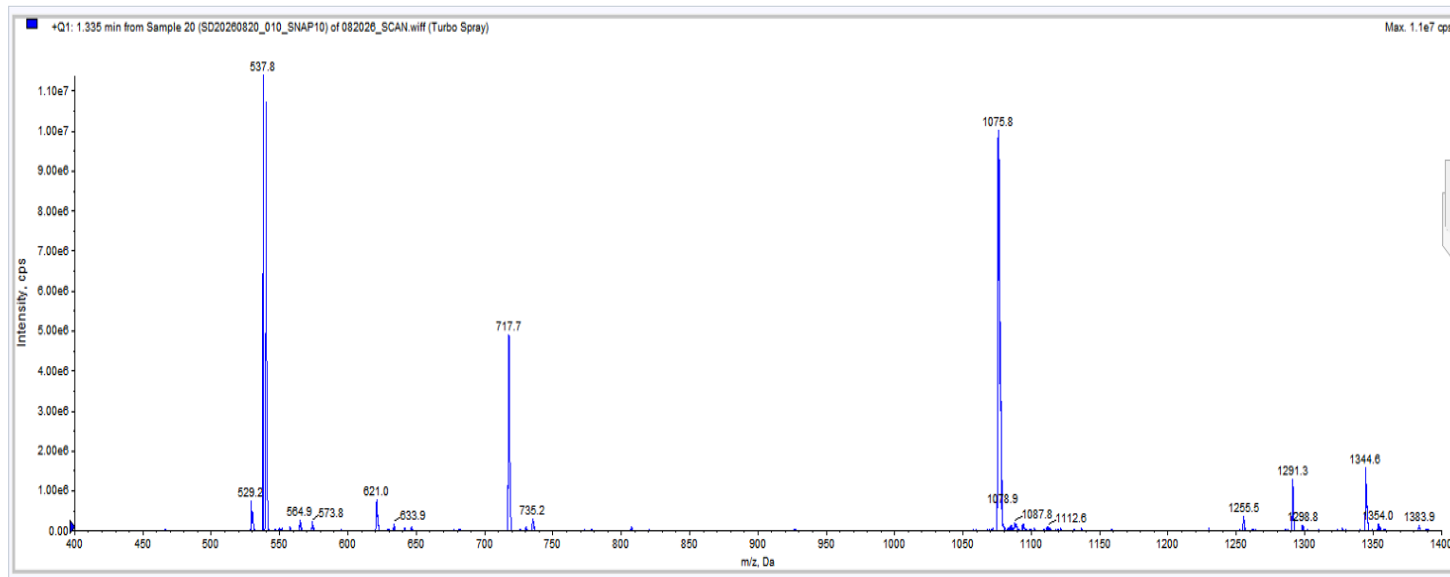
ANALYTICAL DATA

COA #: SD20260820_010_SNAP10

CHROMATOGRAM



MASS SPECTRUM (LC-MS)



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ANALYTICAL INTERPRETATION

Chromatogram

Retention Time Match

Mass Spectrum (LC-MS)

SNAP-10 — Identity (Q1 MS)

The sample "SNAP10" was analyzed by LC-MS in positive-mode Q1 full scan at RT=1.335min. The mass spectrum at this retention time shows a series of peptide-related ions, including prominent peaks at m/z529.4, 537.8, 564.9, 573.8, 621.0, 633.9, 717.7, 735.2, 1075.8, 1087.8, 1112.6, 1255.5, 1291.3, 1298.8, 1344.6, 1354.0, and 1383.9, forming a reproducible pattern characteristic of the SNAP-10 peptide and its adducts/related species under the conditions used. No significant alternative peptide-like molecular ions are observed at the SNAP-10 retention time, supporting assignment of the chromatographic peak to SNAP-10.

Result: Identity by LC-MS Q1 full scan — Confirmed (SNAP-10 detected); Q1 profile consistent with high purity.

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