Analytical Testing Laboratory
7271 Engle Rd Unit 201A, Middleburg Heights, OH 44130
sonic-laboratories.com
Verify at sonic-laboratories.com/coa-lookup **Code: 4DC8YKXK**

CERTIFICATE OF ANALYSIS

COA #: **SD20260924_015_GHRP6**

SAMPLE INFORMATION

Client	Zentra Brands Limited	**Accession #**	SD20260924_015
Compound	GHRP-6	**Date Received**	09/24/2026
Molecular Formula	C46H56N12O6	**Date Reported**	09/27/2026
Appearance	White lyophilized powder	**Labeled Quantity**	10mg
Sample Form	Lyophilized Vial	**Lot / Batch #**	ZC0046
Storage	Room Temp	**CAS Number**	87616-84-0
Cap Color	Blue		



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	GHRP-6	**Pass**
Purity	LC-MS/MS	≥ 95.0%	99.23%	**Pass**
Net Peptide Content	LC-MS/MS	Report value	10.23 mg	**Pass**
Observed Molecular Mass	LC-MS	Within ± 1.0 Da	436.8m/z [M+2H]+	**Pass**
Theoretical Molecular Mass	Reference	—	873.03 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 · 09/27/2026

Chetan Soni, PhD. **Chetan Soni, PhD.**
Approved by · Laboratory Director · 09/28/2026

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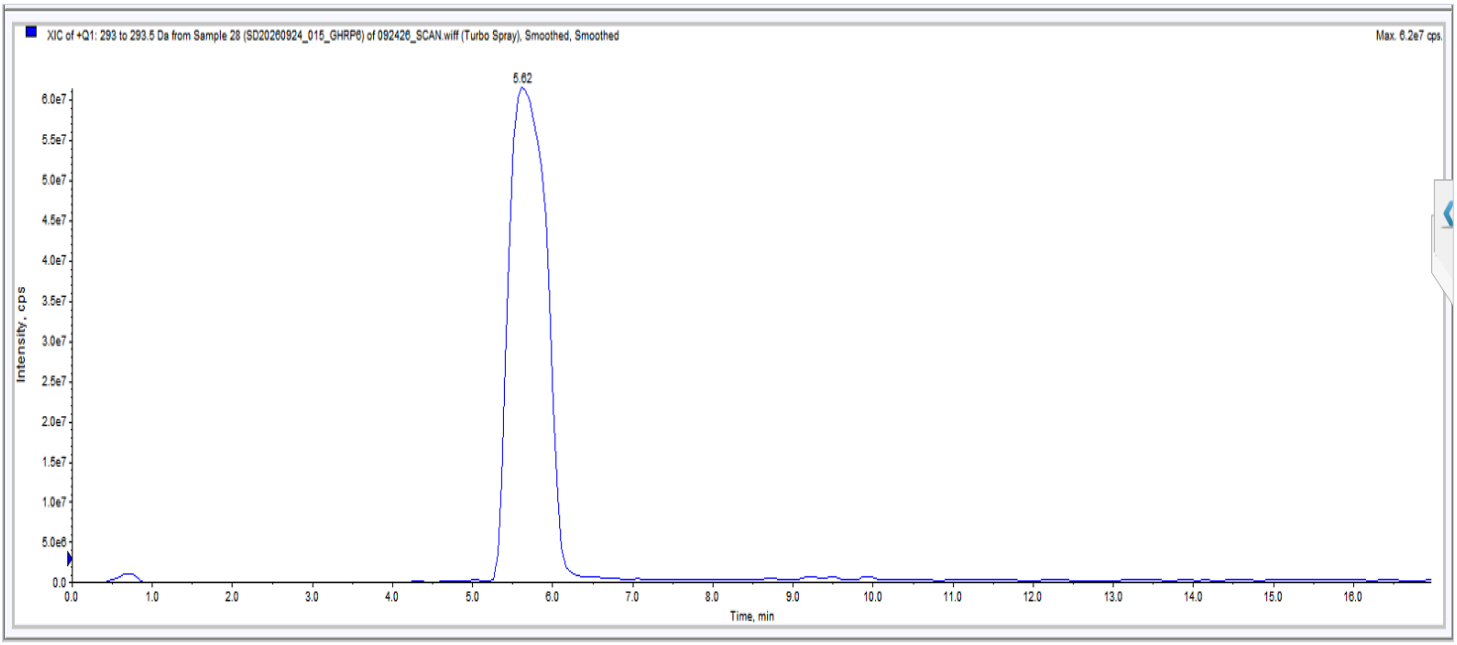
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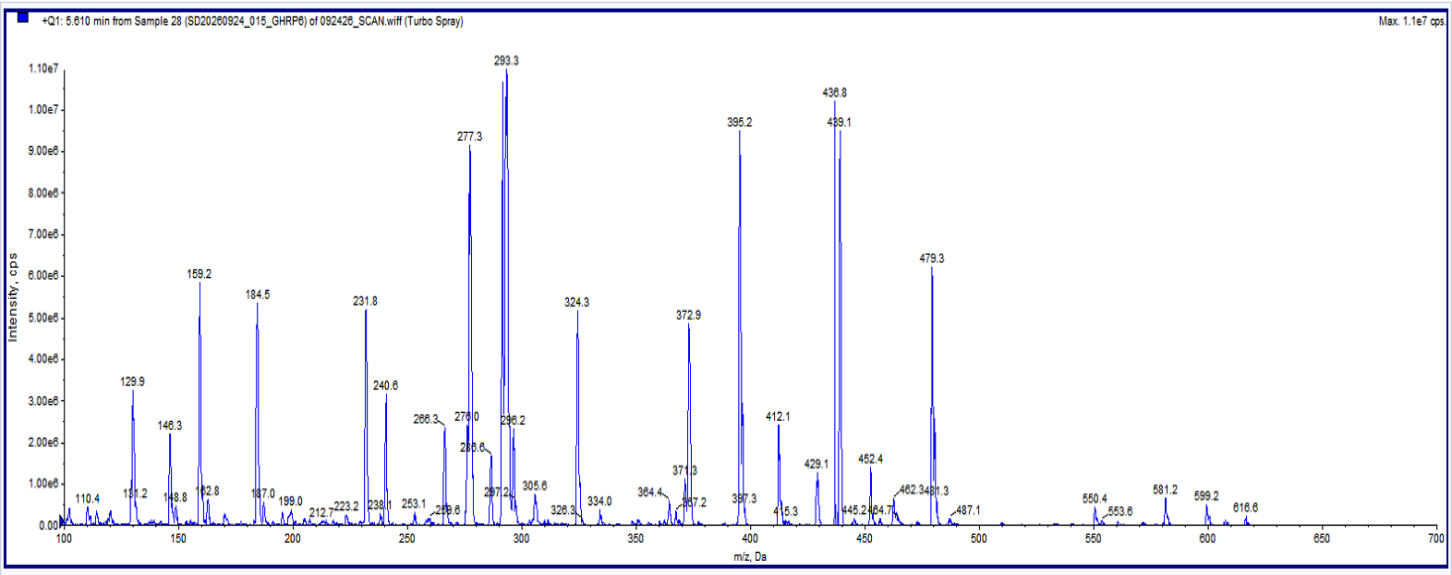
ANALYTICAL DATA

COA #: **SD20260924_015_GHRP6**

CHROMATOGRAM



MASS SPECTRUM (LC-MS)



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ANALYTICAL INTERPRETATION

Chromatogram

Retention Time Match

Mass Spectrum (LC-MS)

Analyte: GHRP-6
Sample ID: SD20260924_015_GHRP6
Method: LC-MS, positive-mode Q1 full scan, TurboSpray ionization
Retention Time: 5.610min

Q1 scan interpretation
The Q1 full-scan spectrum at 5.610min shows a mid-mass fragment profile consistent with GHRP-6, with multiple singly charged peptide fragments and no extraneous peptide envelopes, as expected for this hexapeptide under full-scan conditions.

Observed charge states

436.8m/z — singly charged fragment ion ([M+2H] fragment)

293.3m/z — singly charged fragment ion ([M+4H] fragment)

Identity conclusion
Identity by LC-MS Q1 full scan — GHRP-6 confirmed.
The observed singly charged fragment ions at 5.610min match the validated Q1 full-scan fragmentation pattern for GHRP-6, with no unrelated peptide envelopes or non-correlated species present, supporting the identity and integrity of the material.

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