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Certificate of Analysis

IGF-1 LR3

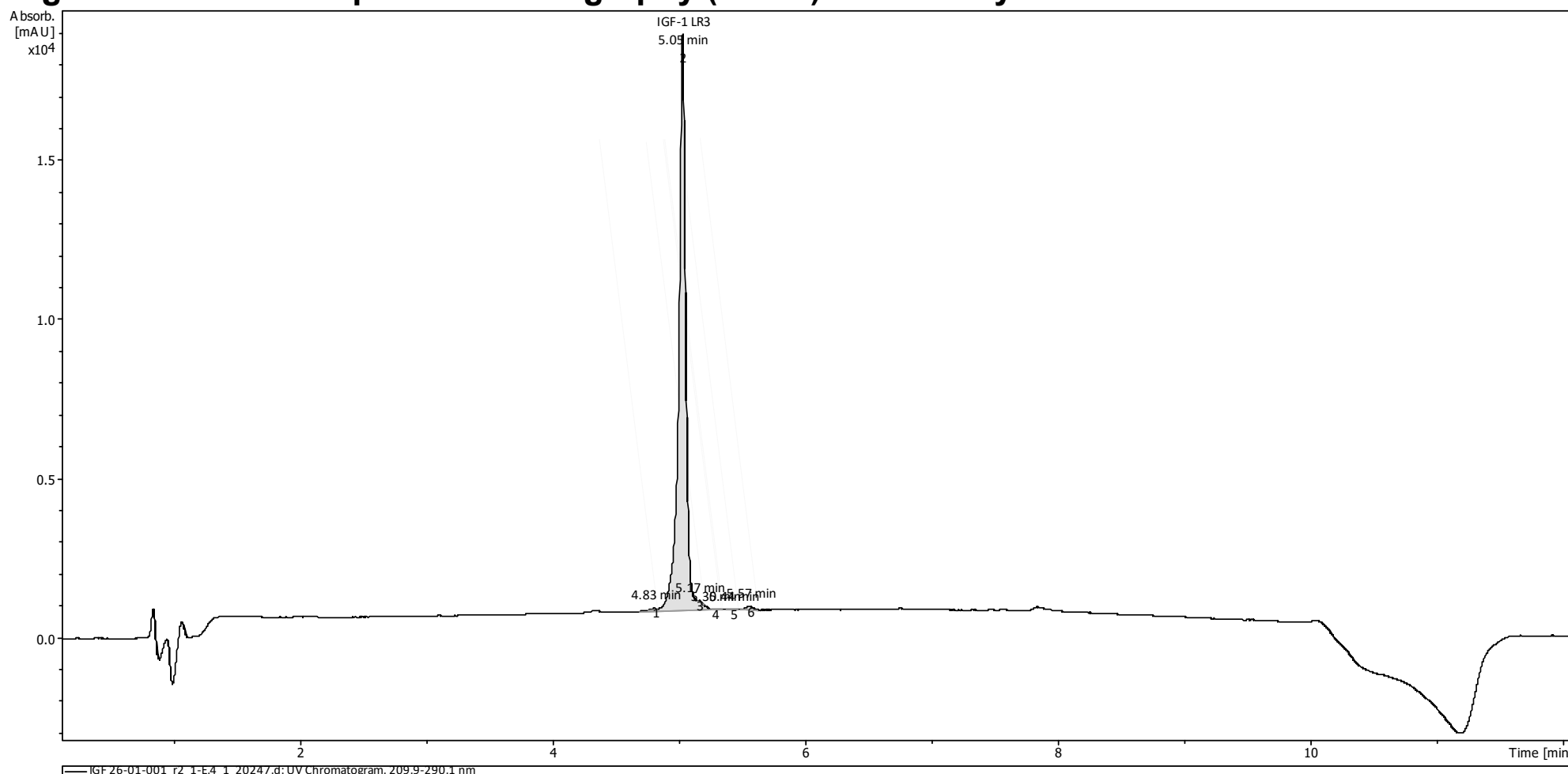
Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : IGF26-01-001 vial 2
Analysis date : 2026-03-03
Purity % : 99.11%
Quantity : 1.19 mg
Method : HPLC-UV-MS

Client : Skye Peptides

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 6		
	Time (min)	Area	%Area	
1	4.83	4.32E+01	0.06	
2	5.05	7.17E+04	99.11	IGF-LR3
3	5.17	8.07E+01	0.11	
4	5.30	4.33E+01	0.06	
5	5.44	7.25E+01	0.10	
6	5.57	4.02E+02	0.56	

Quantification by HPLC-UV

Measured mg : 1.19

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
These are not normally detected using UV and are not considered impurities.

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
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2026-04-09

IGF-1 LR3

Long arginine 3 Insulin-like growth factor

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using base peak m/z values from mass spectrum

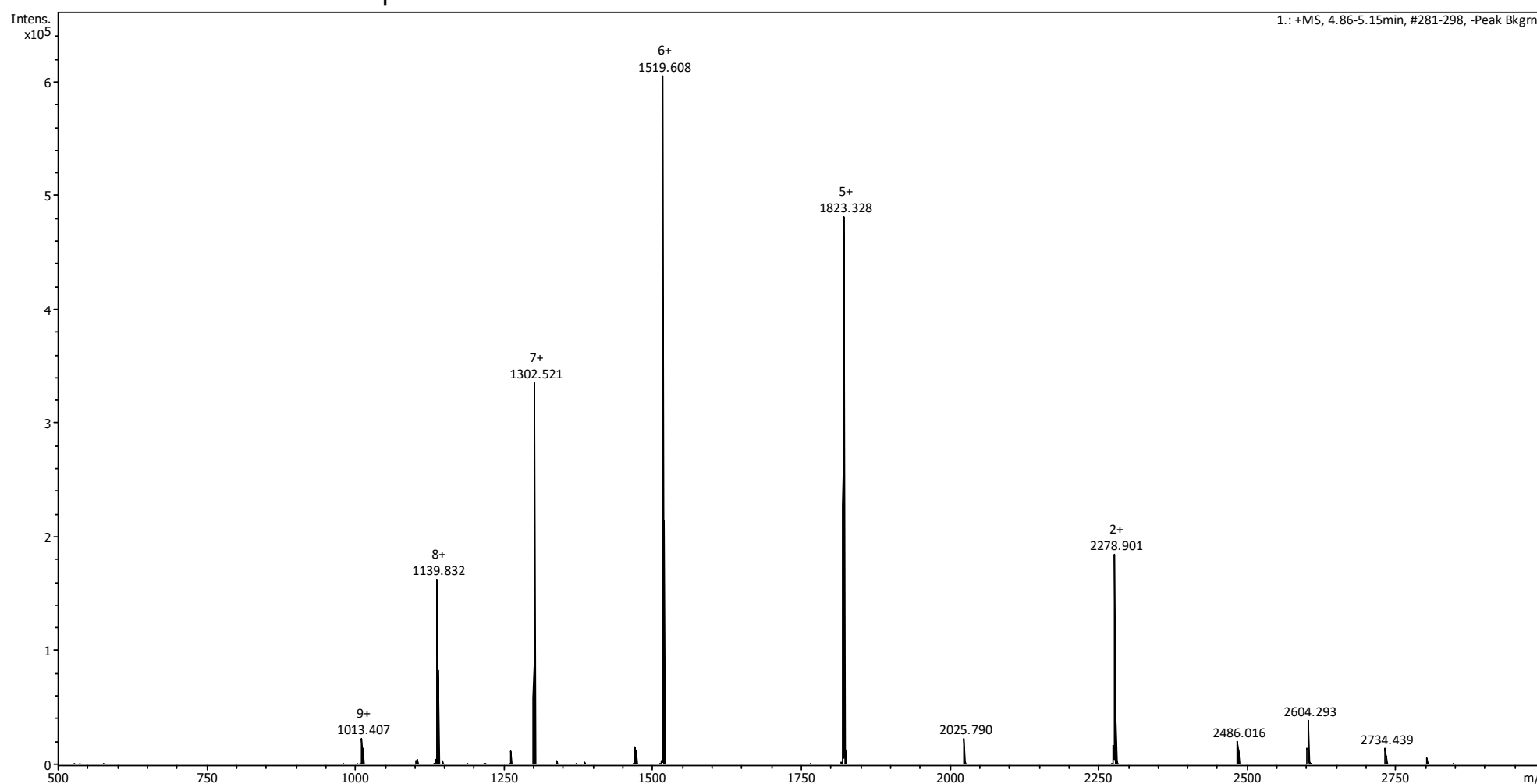
Expected average mass : 9111.40 Da

Measured base peak mass : 9111.65 Da

Molecular weight confirmed

Note : The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum



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