

Certificate of Analysis

IGF-1 LR3 1mg

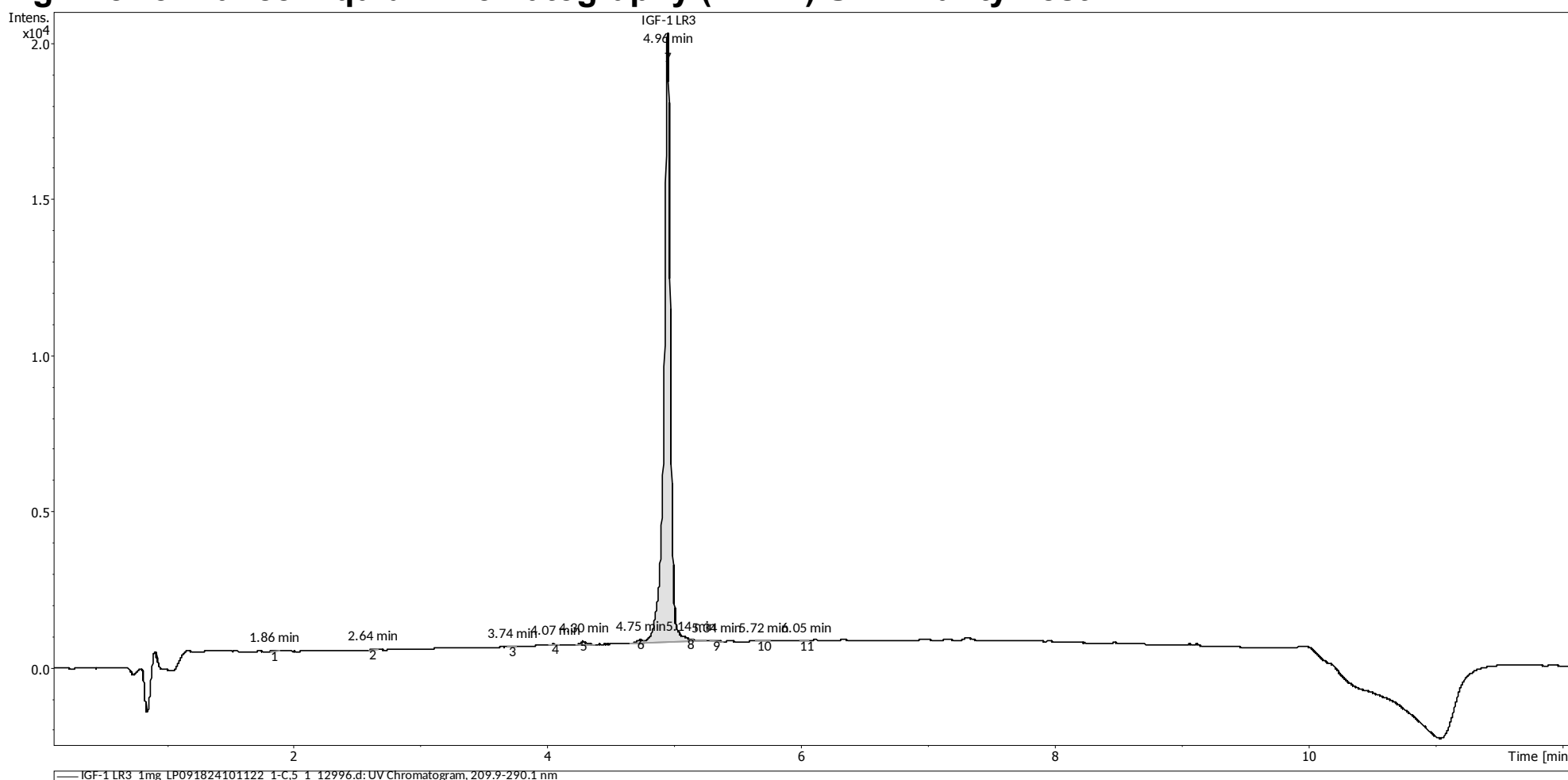
Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : LP091824101122
Analysis date : 2025-06-04
Purity % : 98.35%
Method : HPLC-UV-MS

Client : Elite Miami Peptides LLC

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 11	
	Time (min)	Area	%Area
1	1.86	8.57E+01	0.12
2	2.64	7.03E+01	0.10
3	3.74	3.30E+01	0.05
4	4.07	1.19E+02	0.17
5	4.30	3.08E+02	0.44
6	4.75	3.37E+02	0.48
7	4.96	6.95E+04	98.35
8	5.14	9.19E+00	0.01
9	5.34	1.27E+02	0.18
10	5.72	5.40E+01	0.08
11	6.05	2.41E+01	0.03

IGF-1 LR3

Analysis Performed by
Ken Pendarvis, ChE
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2025-06-05

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.

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Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

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

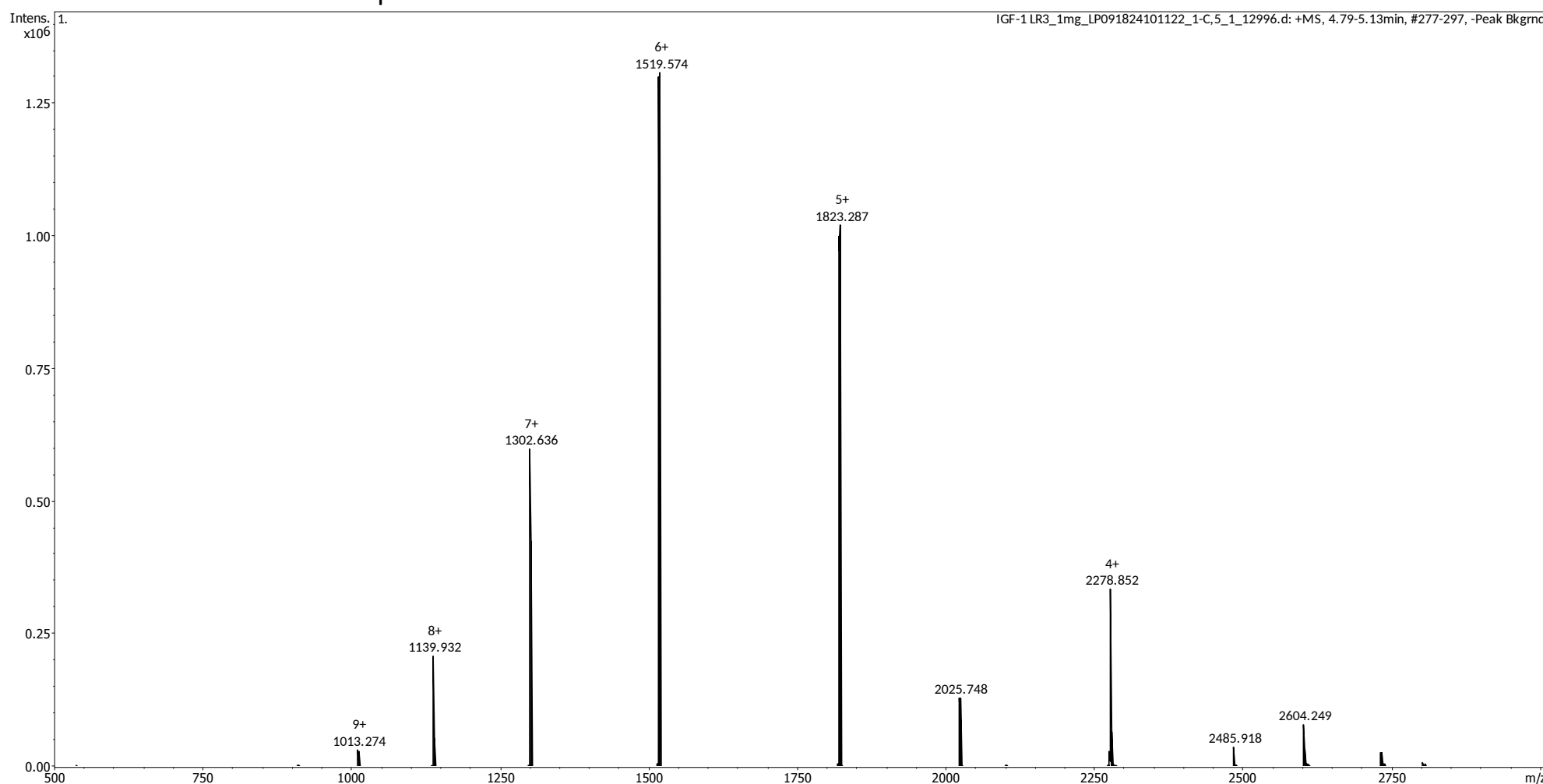
Expected average mass : 9111.40 Da

Measured base peak mass : 9111.44 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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