

Certificate of Analysis

IGF-1 LR3 1mg

Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : 2025-04-09
Analysis date : 2025-05-01
Purity % : 98.72%
Quantity : 1.10 mg
Method : HPLC-UV-MS

Client : CoMo Peptides

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 7	
Time (min)		Area	%Area
1	4.05	9.04E+01	0.13
2	4.28	2.14E+02	0.31
3	4.68	4.21E+01	0.06
4	4.89	6.70E+04	98.72
5	5.38	2.16E+02	0.32
6	5.59	2.38E+02	0.35
7	6.96	6.66E+01	0.10

IGF-1 LR3

Quantification by HPLC-UV
Measured quantity : 1.10 mg/vial

Analysis Performed by
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2025-05-02

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

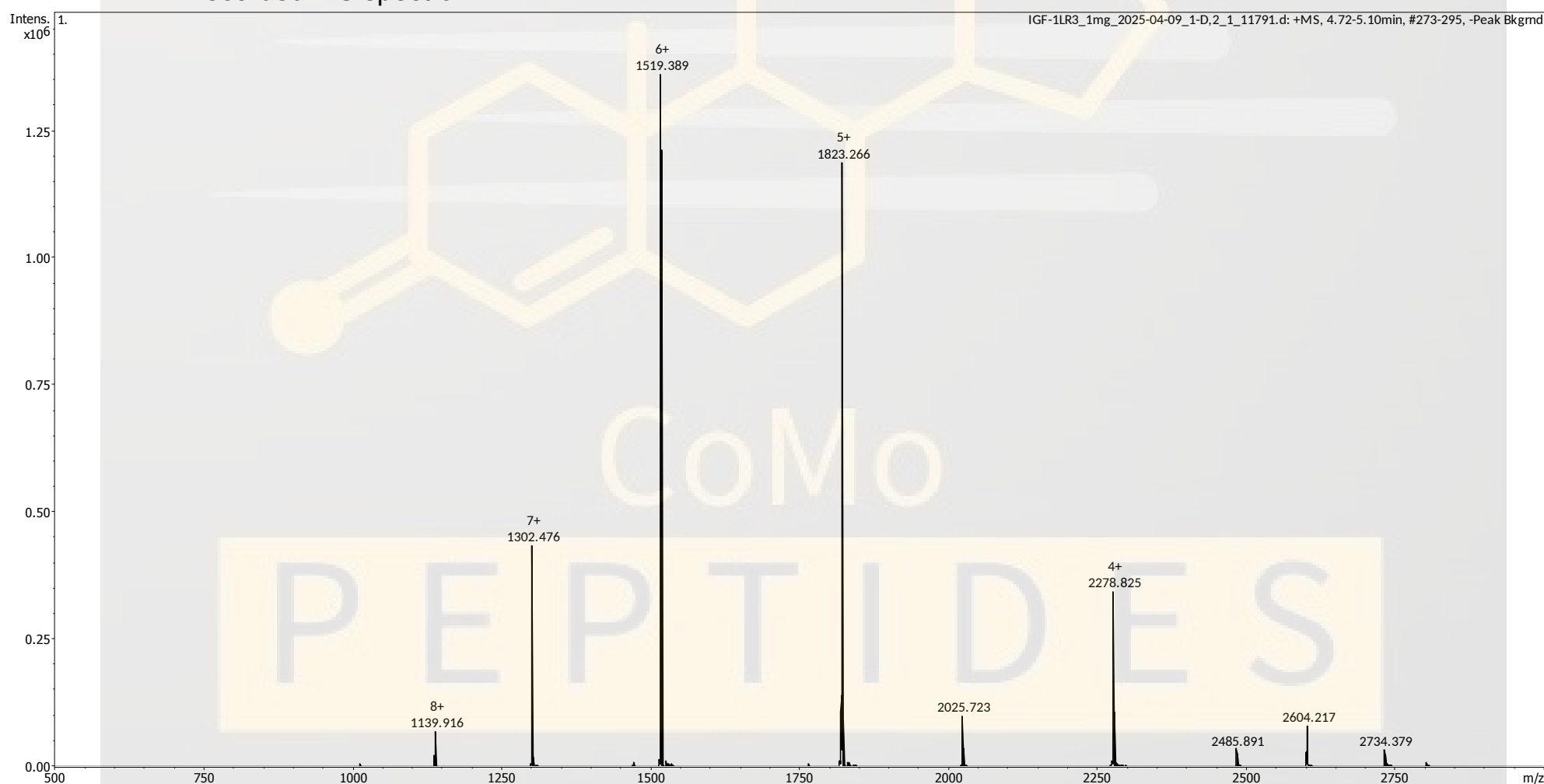
Expected average mass : 9111.40 Da

Measured base peak mass : 9110.33 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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