

Certificate of Analysis

IGF-1 LR3

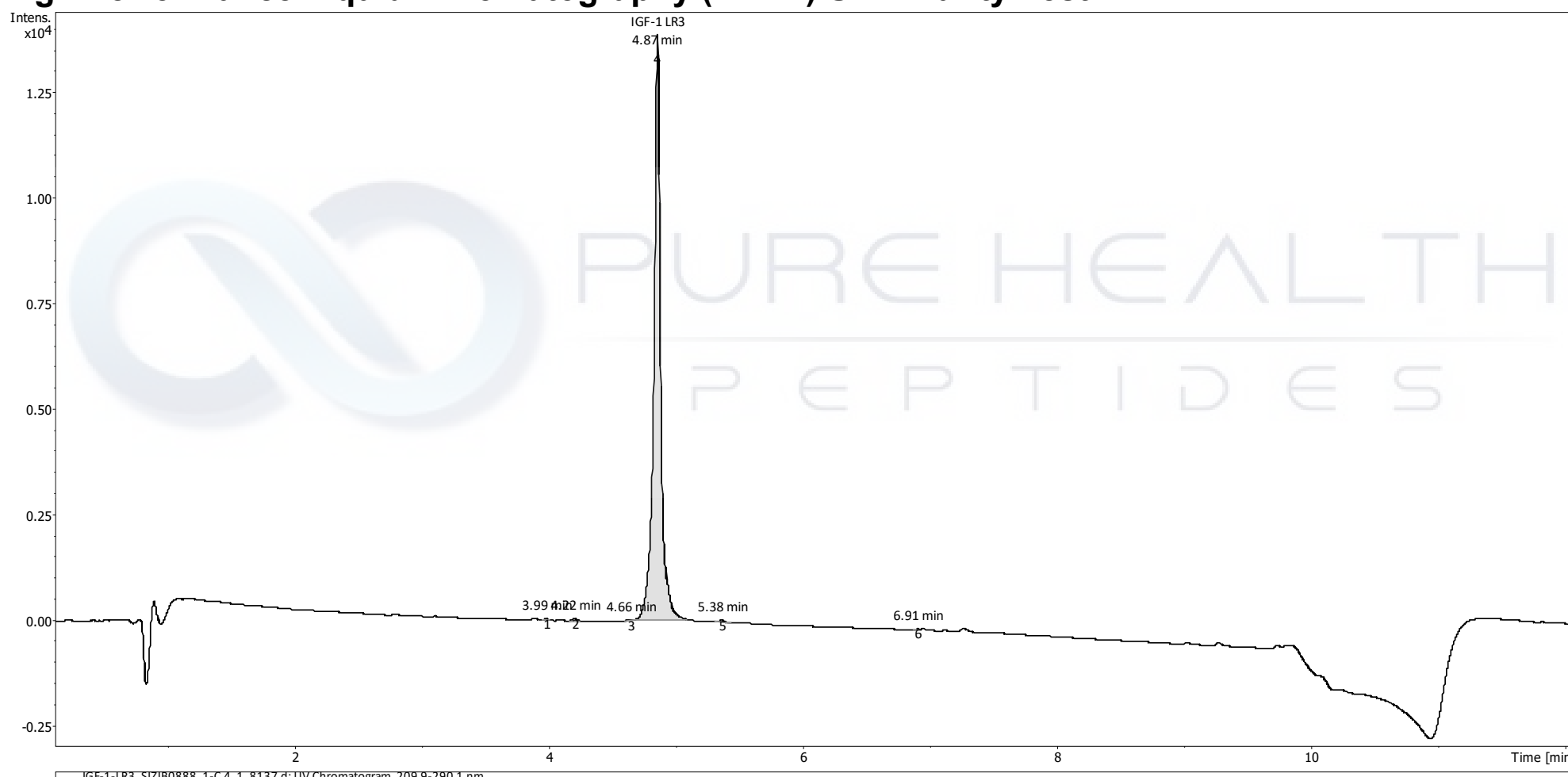
Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : SJZJB0888
Analysis date : 2024-12-31
Purity % : 99.19%
Method : HPLC-UV-MS

Client : Pure Health Peptides, LLC
<http://www.purehealthpeptides.com/>

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 6	
Time (min)	Area	%Area	
3.99	5.48E+01	0.10	
4.22	1.12E+02	0.21	
4.66	3.84E+01	0.07	
4.87	5.20E+04	99.19	IGF-1 LR3
5.38	1.69E+02	0.32	
6.91	5.09E+01	0.10	

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



2025-01-09

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.

IGF-1 LR3

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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

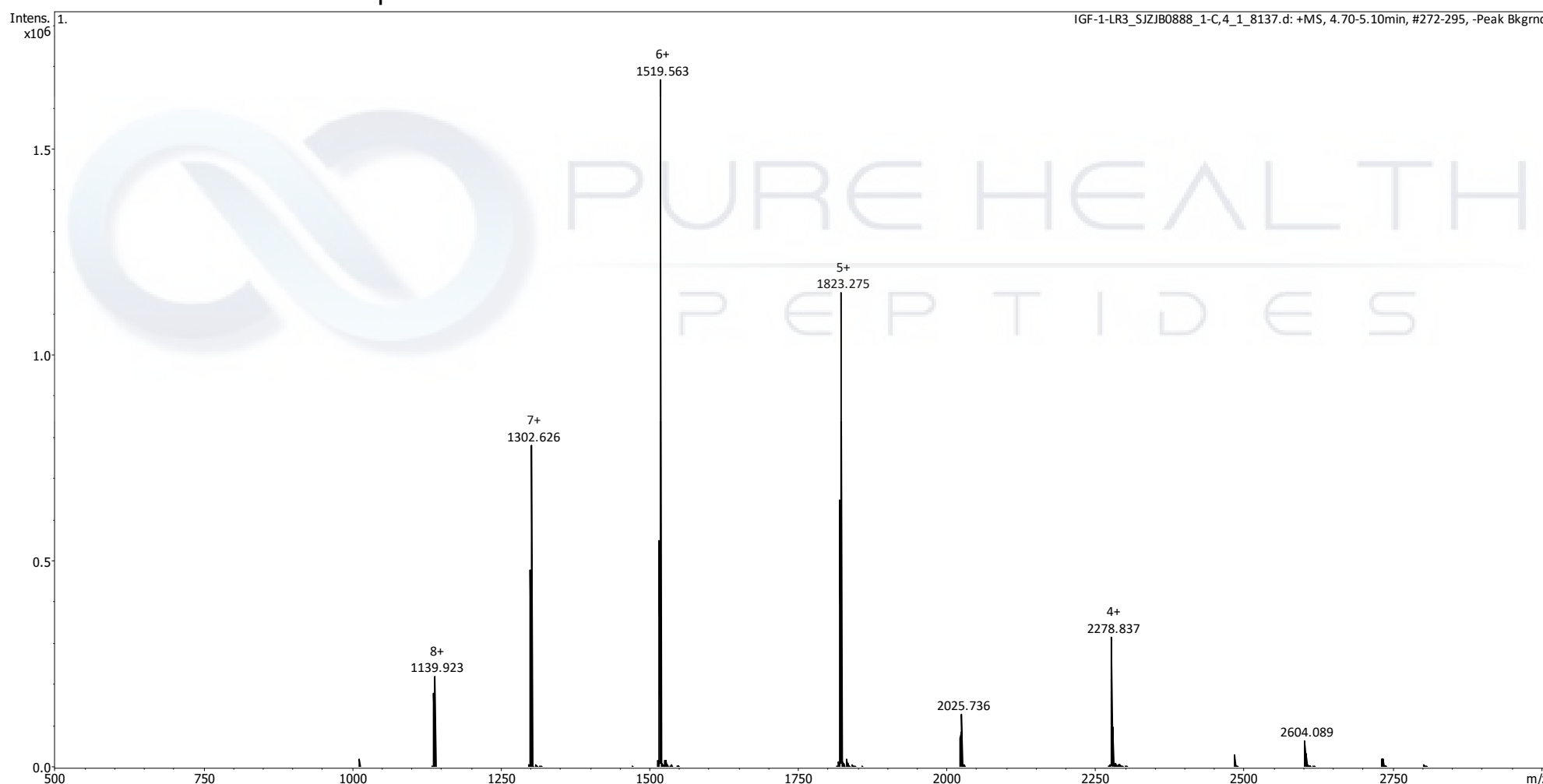
Expected average mass : 9111.4 Da

Measured base peak mass : 9111.4 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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