



MZ Biolabs
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Certificate of Analysis

IGF-1 LR3

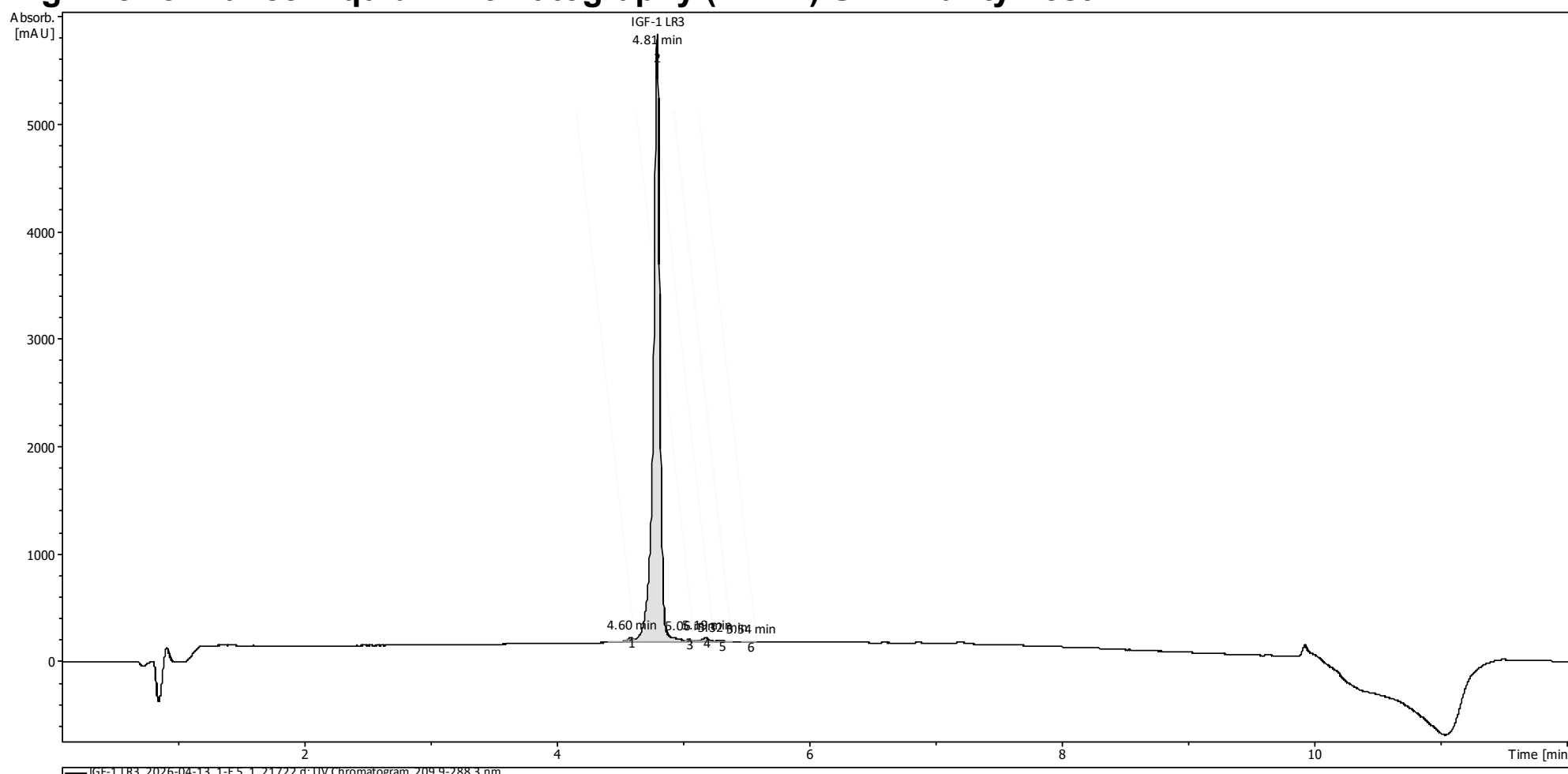
Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : 2026-04-13
Analysis date : 2026-04-23
Purity % : 98.94%
Method : HPLC-UV-MS

Client : Endogenix

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 6		
	Time (min)	Area	%Area	
1	4.60	4.60E+01	0.22	
2	4.81	2.11E+04	98.94	IGF-1 LR3
3	5.06	2.04E+01	0.10	
4	5.19	1.09E+02	0.51	
5	5.32	2.23E+01	0.10	
6	5.54	2.77E+01	0.13	

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

2026-05-06

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

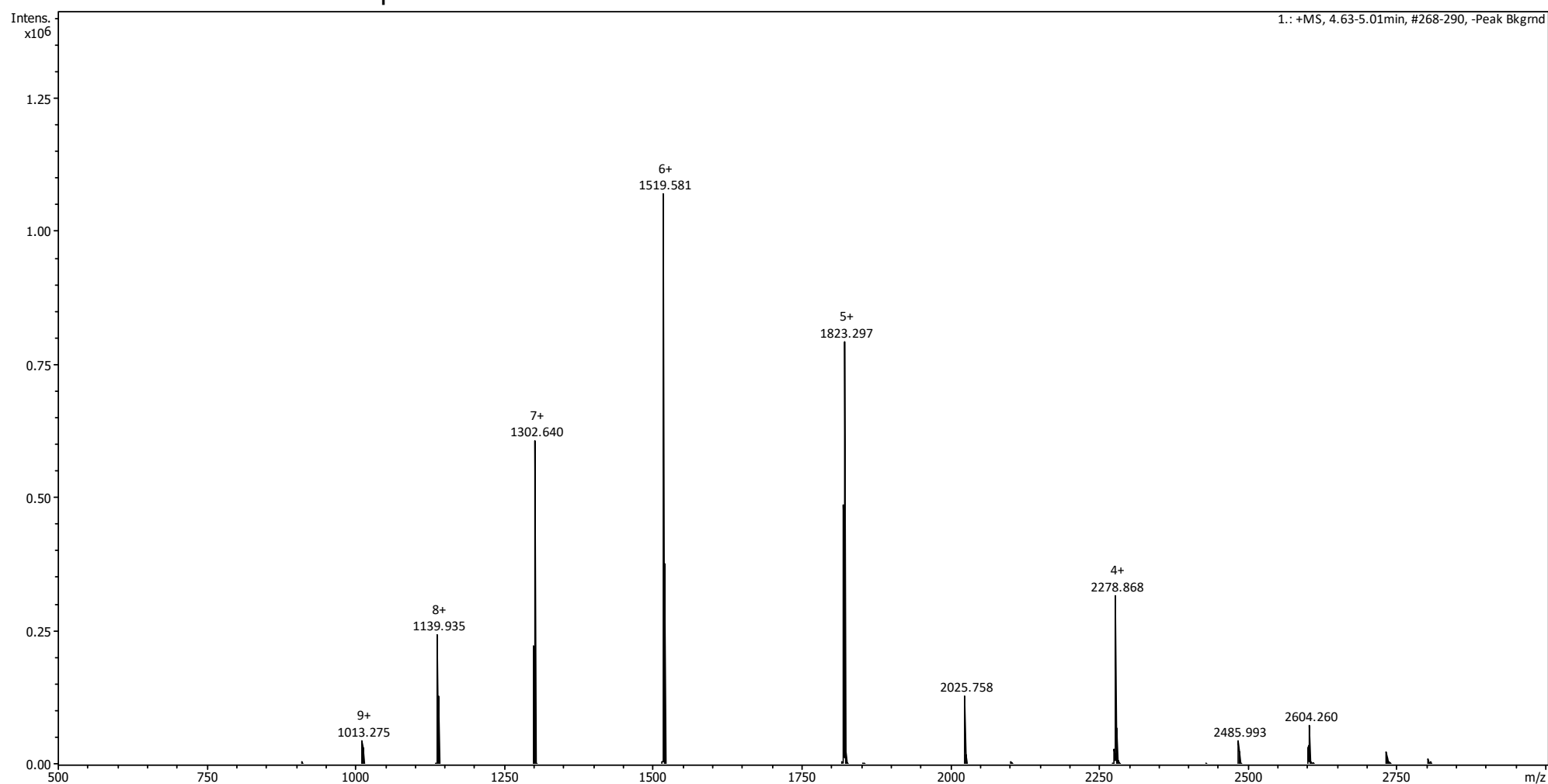
Expected average mass : 9111.40 Da

Measured base peak mass : 9110.49 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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