



Certificate of Analysis

IGF-1 LR3 1mg

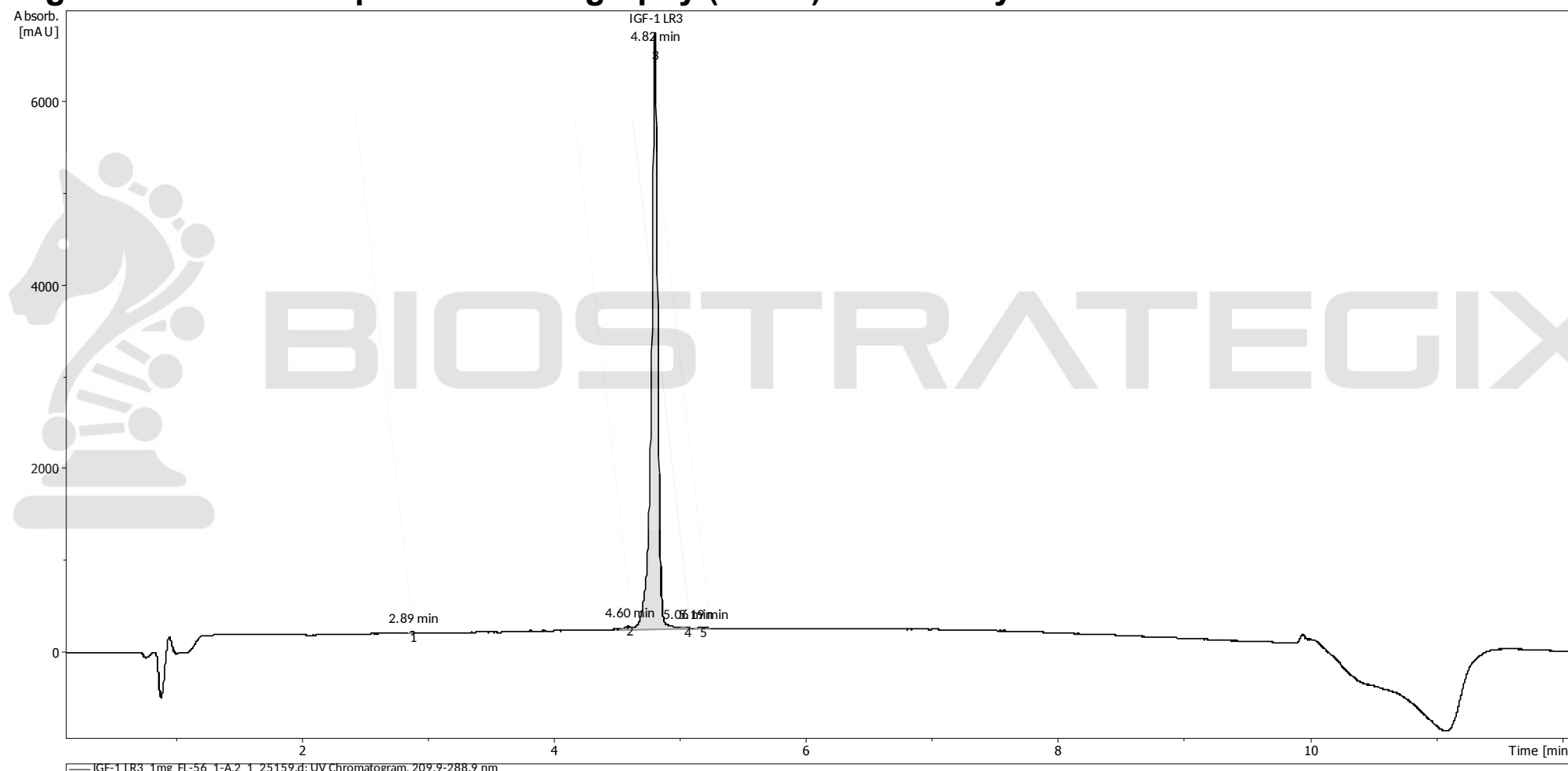
Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : FL-56
Analysis date : 2026-08-14
Purity % : 99.38%
Quantity : 1.14 mg
Method : HPLC-UV-MS

Client : Biostrategix
<https://biostrategix.com/>

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 5	
	Time (min)	Area	%Area
1	2.89	6.92E+00	0.03
2	4.60	5.11E+01	0.22
3	4.82	2.28E+04	99.38
4	5.06	2.16E+01	0.09
5	5.19	62.2602	0.27

IGF-1LR3

Quantification by HPLC-UV
Measured quantity : 1.14 mg/vial

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



2026-08-26

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 1mg

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

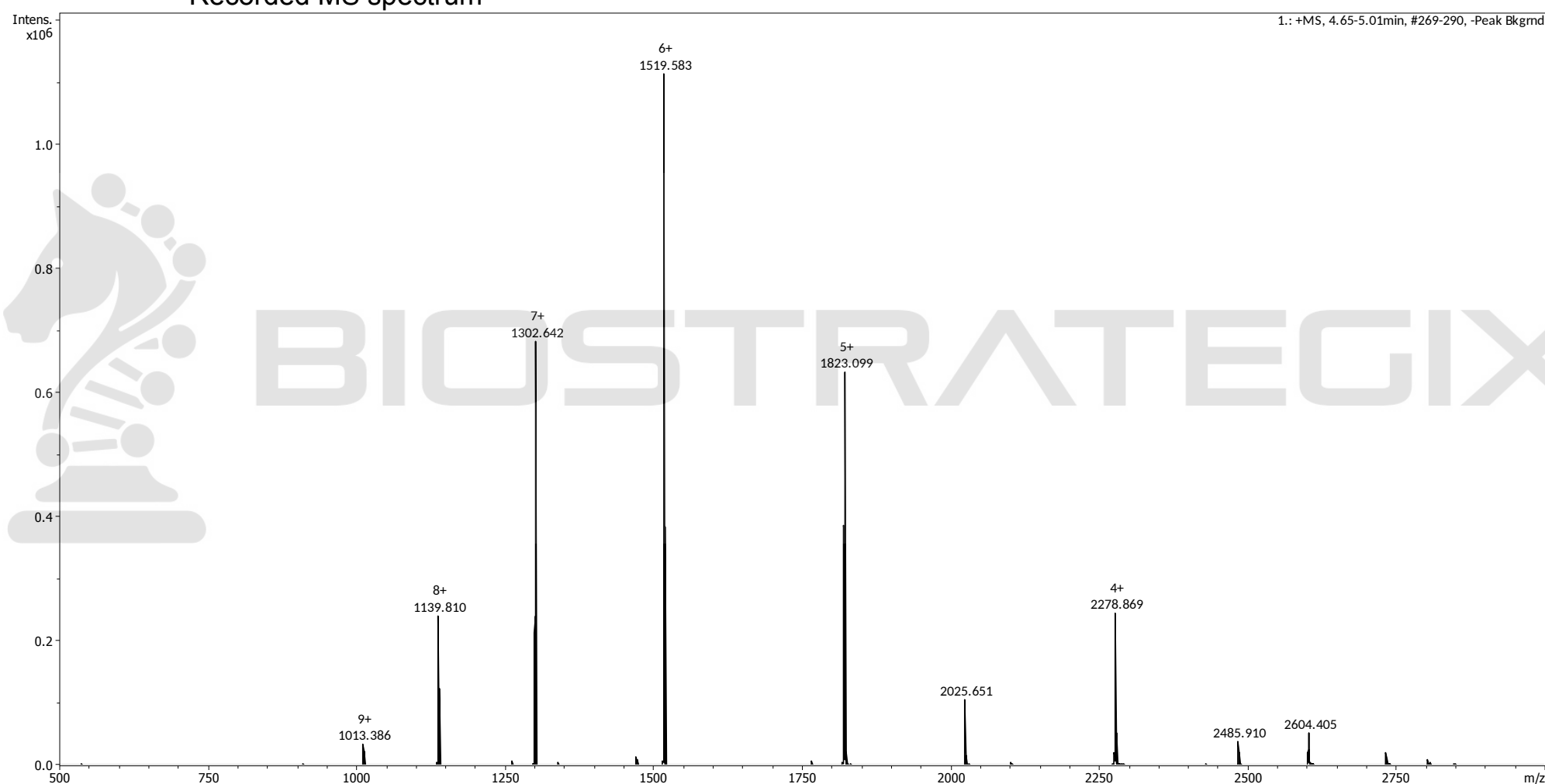
Expected average mass : 9111.40 Da

Measured base peak mass : 9111.50 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



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



2026-08-26