



Certificate of Analysis

IGF-1 LR3 1 mg

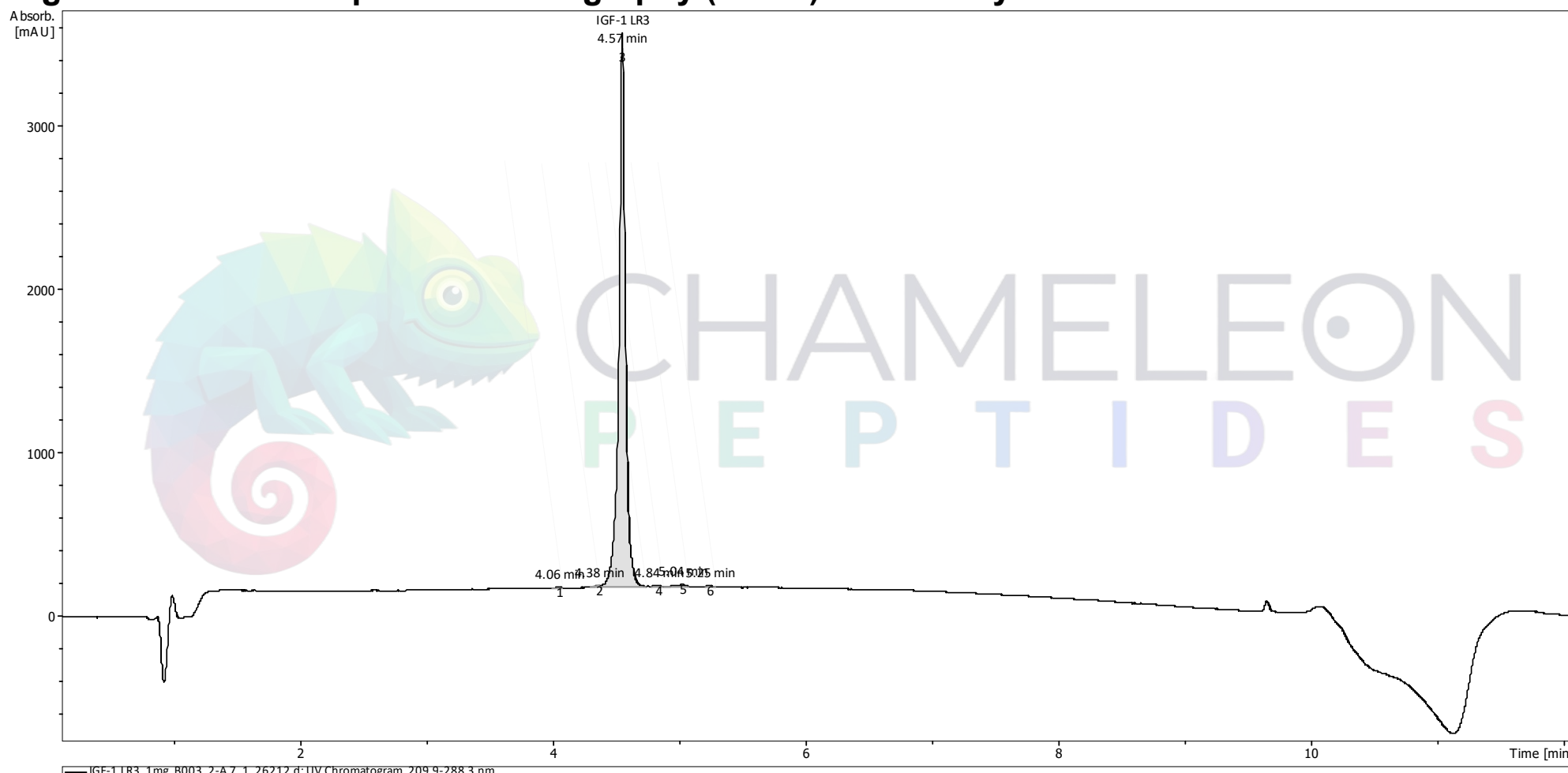
Long arginine 3 Insulin-like growth factor

Compound : IGF-1 LR3
Lot number : B002
Analysis date : 2026-09-05
Purity % : 99.09%
Quantity : 0.82 mg
Method : HPLC-UV-MS

Client : Chameleon Peptides

CAS 143045-27-6

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 6		
	Time (min)	Area	%Area	
1	4.06	1.36E+01	0.11	
2	4.38	9.73E+00	0.08	
3	4.57	1.25E+04	99.09	IGF-1 LR3
4	4.84	1.10E+01	0.09	
5	5.04	6.40E+01	0.51	
6	5.25	17.1468	0.14	

Analysis Performed by
Ken Pendarvis, ChE
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Quantification by HPLC-UV
Measured quantity : 0.82 mg/vial

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.


2026-09-11

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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

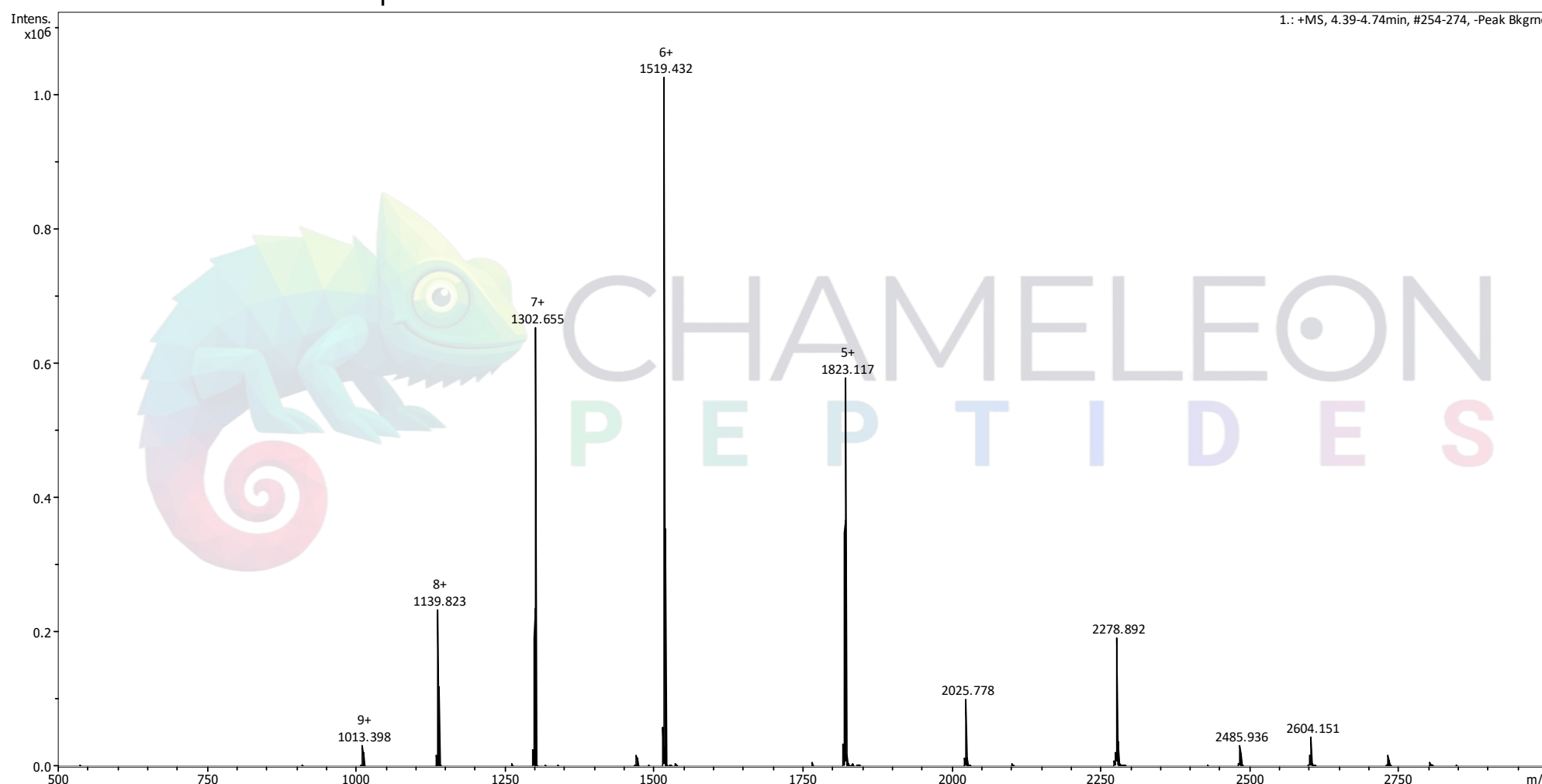
Expected average mass : 9111.4 Da

Measured base peak mass : 9111.6 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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