MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
contact@mzbiolabs.com
www.mzbiolabs.com

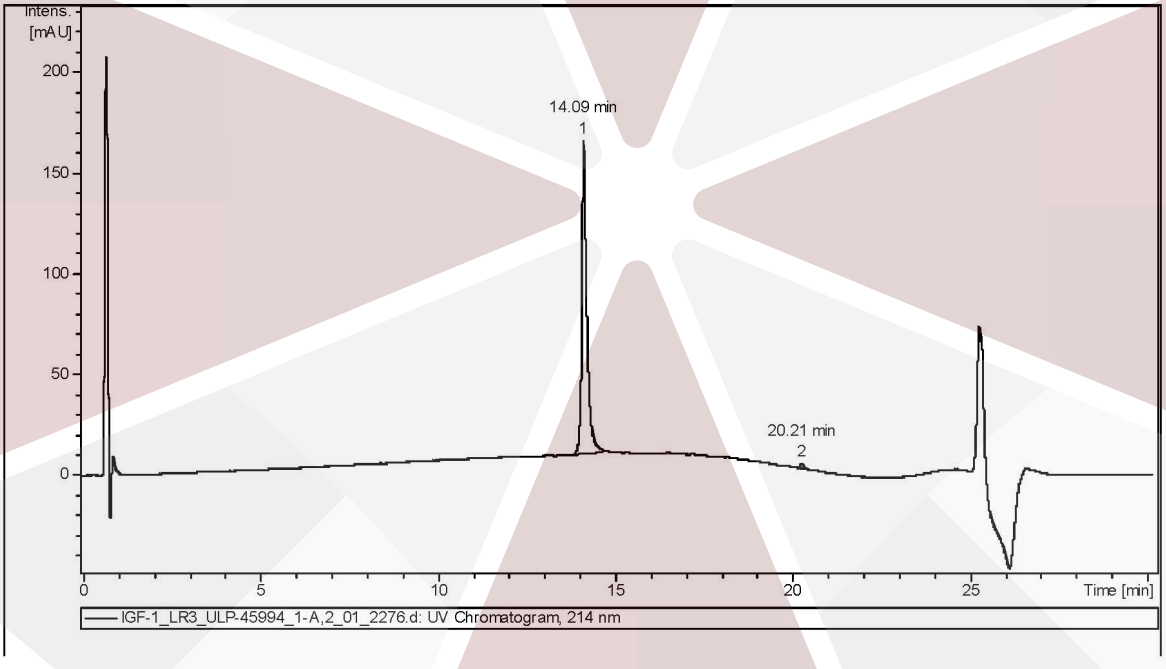
Certificate of Analysis

IGF-1 LR3

Insulin-like growth factor fragment

Compound	: IGF-1 LR3	**Client :**	UMBRELLA.us
Lot number	: ULP-45994		3280 E Hemisphere Loop
Analysis date	: 2023-03-15		Tucson, Arizona 85706
Purity %	: 99.3%		
Method	: Mass Spectrometry & UV		

PubChem SID: 381123731
https://pubchem.ncbi.nlm.nih.gov/substance/381123731



PEAK LIST — Number of detected peaks: 2

Time (min)	Area	%Area	
14.09	**1.53E+03**	**99.3**	**IGF-1 LR3**
20.21	1.11E+01	0.7	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 9111.4 g
Measured mass : 9111.4 g
Molecular weight confirmed

Note: Injectable peptides 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.

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

2023-03-17

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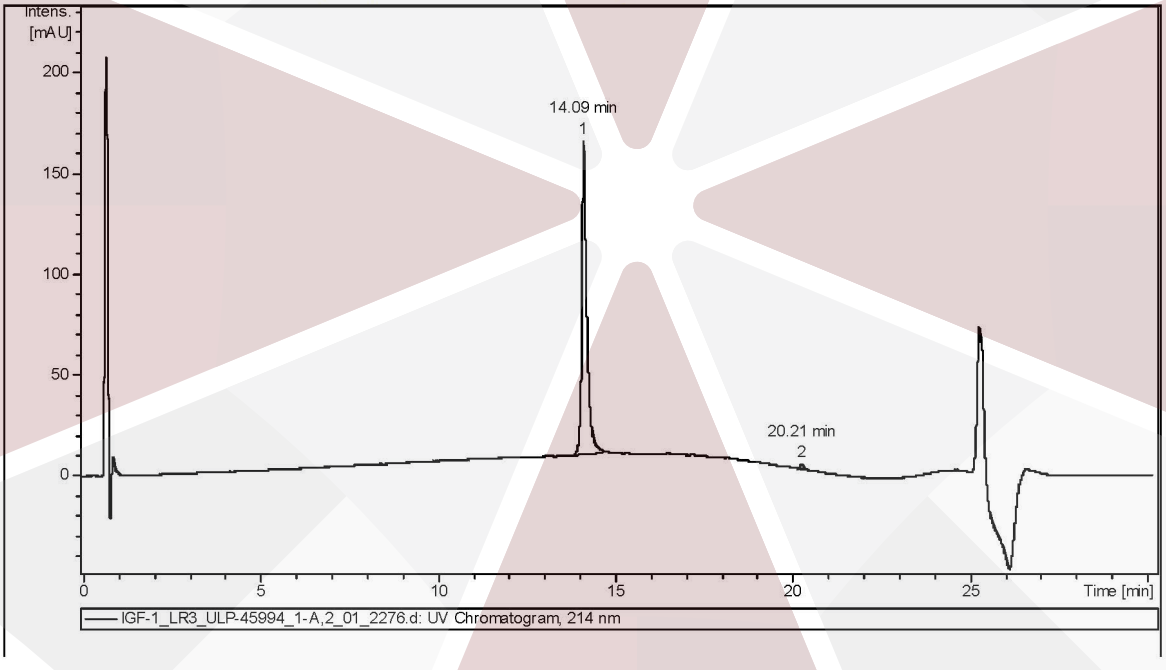

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