

Certificate of Analysis

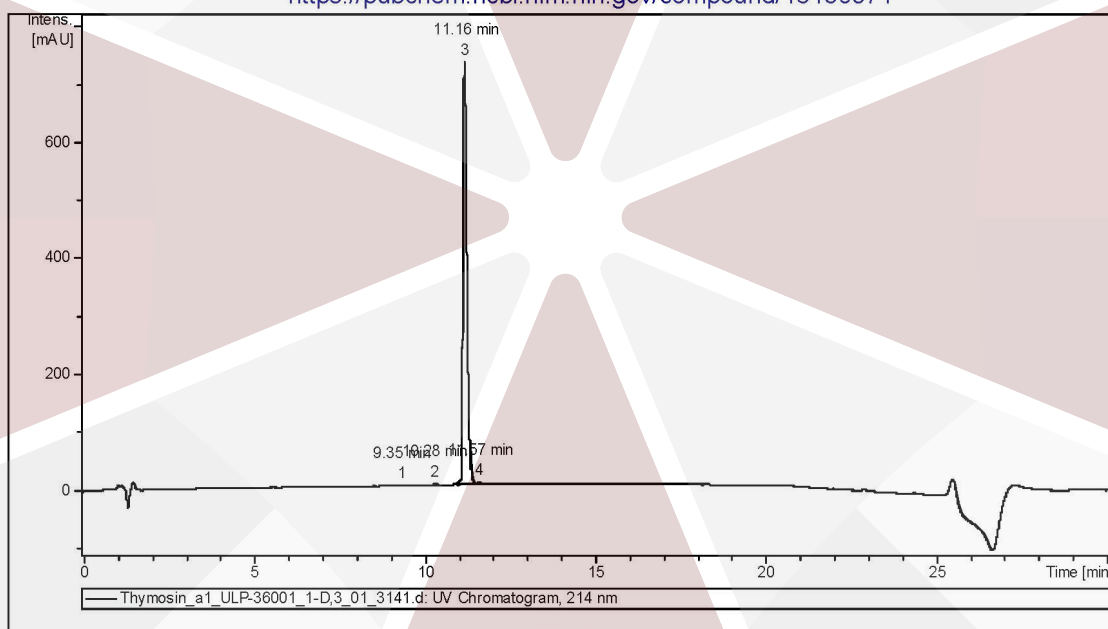
Thymosin alpha 1

Thymalfasin

Compound	: Thymosin alpha 1	Client	: UMBRELLA.us
Lot number	: ULP-36001		3280 E Hemisphere Loop
Analysis date	: 2023-06-08		Tucson, Arizona 85706
Purity %	: 99.4%		
Method	: Mass Spectrometry and UV		

PubChem CID: 16130571

<https://pubchem.ncbi.nlm.nih.gov/compound/16130571>



Time (min)	Area	%Area	
9.35	7.35E+00	0.1	
10.28	1.55E+01	0.3	
11.16	5.81E+03	99.4	Thymosin alpha 1
11.57	9.66E+00	0.2	

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

Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 3106.50 g
 Measured mass : 3106.48 g
 Molecular weight confirmed

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.



2023-06-09