



MZ Biolabs
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Certificate of Analysis

Acetyl Semax Amidate

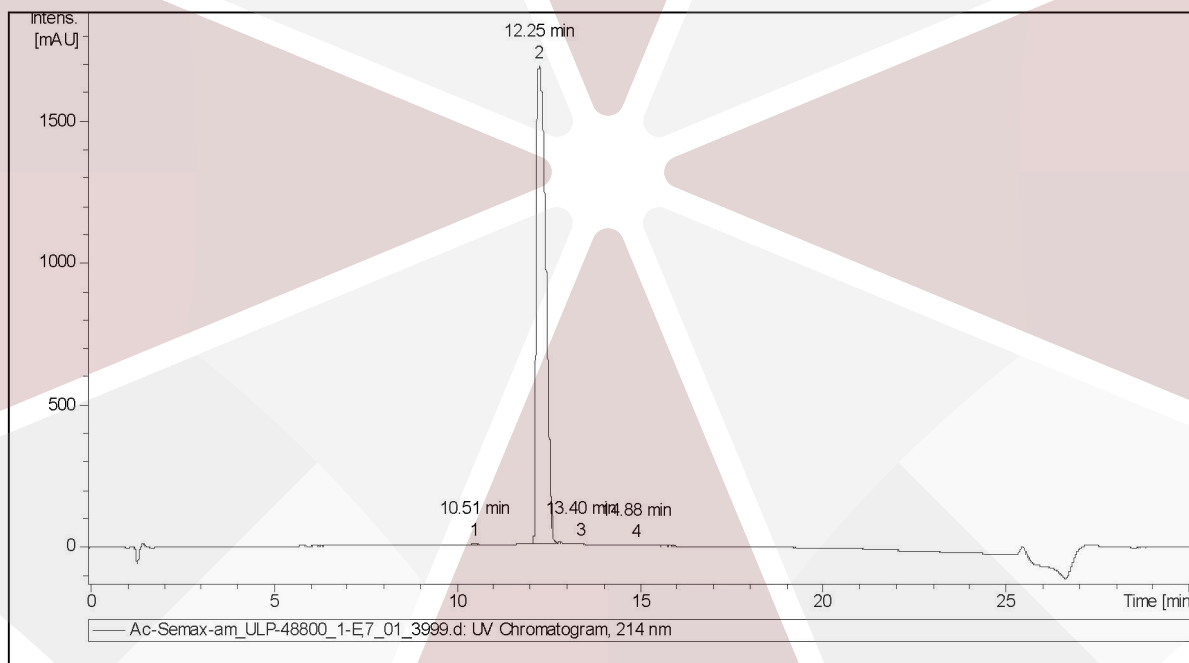
Acetyl-L-Methionyl-L-alpha-glutamylhistidyl-L-phenylalanyl-L-prolylglycyl-L-proline-NH2

Compound : AcSemaxAm
Lot number : ULP-48800
Analysis date : 2023-09-09
Purity % : 99.6%
Method : Mass Spectrometry & UV

Client : UMBRELLA.us
3280 E Hemisphere Loop
Tucson, Arizona 85706

PubChem CID: 122178

<https://pubchem.ncbi.nlm.nih.gov/compound/122178>



PEAK LIST	Number of detected peaks: 4		
Time (min)	Area	%Area	
10.51	6.01E+01	0.2	
12.25	3.02E+04	99.6	AcSemaxAm
13.40	2.90E+01	0.1	
14.88	1.84E+01	0.1	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 854.35 g
Measured mass : 854.37 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.

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
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2023-09-11