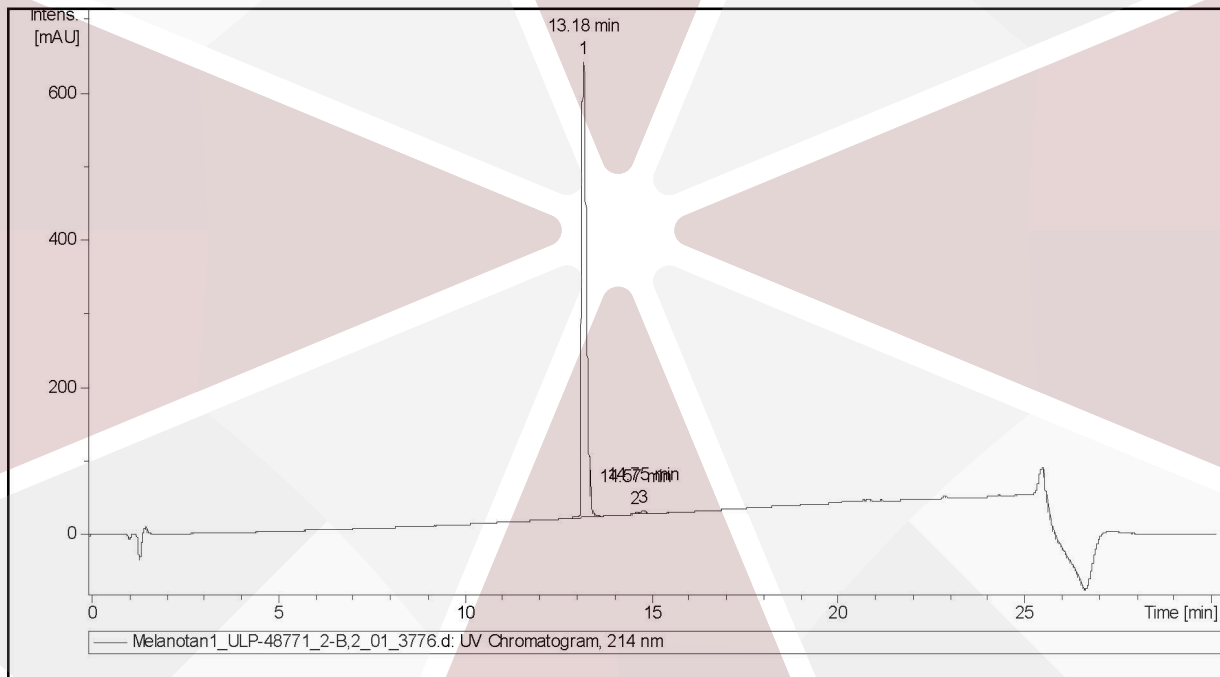


Certificate of Analysis

Melanotan I

Compound	: Melanotan I	Client	: UMBRELLA.us
Lot number	: ULP-48771	3280 E Hemisphere Loop	
Analysis date	: 2023-08-20	Tucson, Arizona 85706	
Purity %	: 99.1%		
Method	: Mass Spectrometry and UV		

PubChem CID: 16154396
<https://pubchem.ncbi.nlm.nih.gov/compound/16154396>



PEAK LIST	Number of detected peaks: 3		
Time (min)	Area	%Area	
13.18	5.55E+03	99.1	Melanotan I
14.57	1.48E+01	0.3	
14.75	3.37E+01	0.6	

Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 1645.84 g
 Measured mass : 1645.78 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
 MZ Biolabs
 contact@mzbiolabs.com



2023-08-24