

Certificate of Analysis

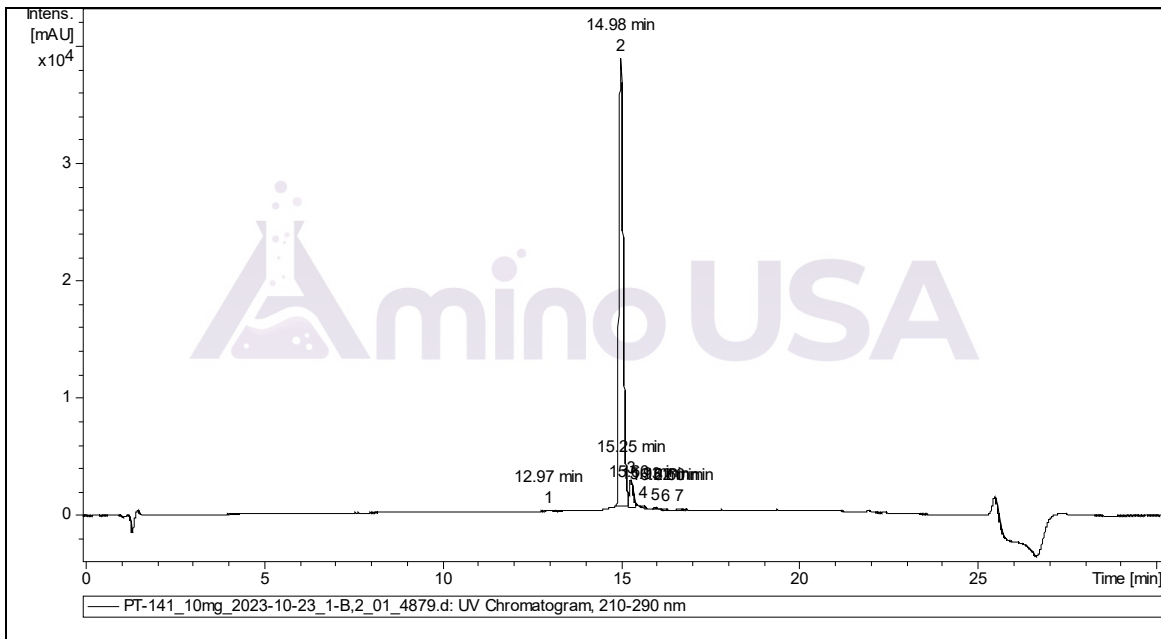
PT-141 (Bremelanotide) 10 mg

Ac-Nle-Asp(1)-His-D-Phe-Arg-Trp-Lys(1)-OH

Compound	: PT-141	Client	: Amino USA
Lot number	: 2023-10-23		: www.aminousa.com
Analysis date	: 2023-11-10		
Purity %	: 94.2%		
Method	: Mass Spectrometry and UV		

PubChem CID: 9941379

<https://pubchem.ncbi.nlm.nih.gov/compound/9941379>



PEAK LIST	Number of detected peaks: 7	
Time (min)	Area	%Area

peak list on next page

Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 1024.52 g
 Measured mass : 1024.54 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
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2023-11-13

PEAK LIST

Number of detected peaks: 7

Time (min)	Area	%Area	
12.97	3.81E+02	0.1	
14.98	3.18E+05	94.2	PT-141
15.25	1.61E+04	4.8	
15.60	9.50E+02	0.3	
15.93	1.08E+03	0.3	
16.22	4.89E+02	0.1	
16.60	6.14E+02	0.2	