MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
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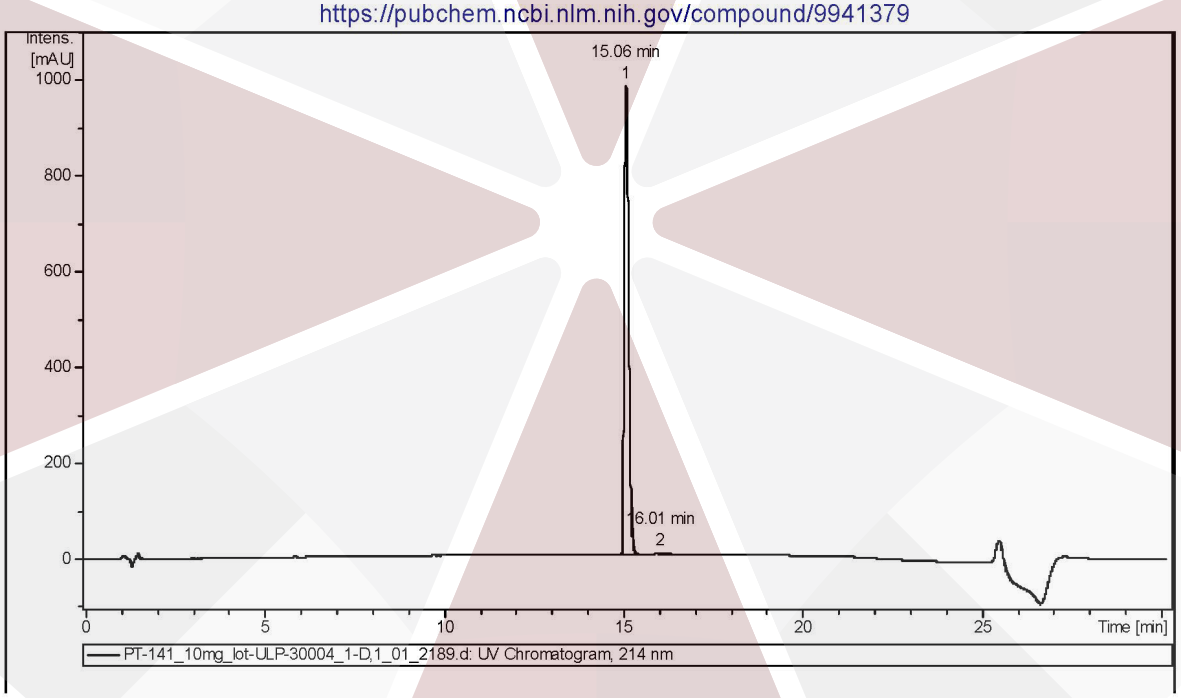
Certificate of Analysis

PT-141 10 mg

L-Lysine, N-acetyl-L-norleucyl-L-alpha-aspartyl-L-histidyl-D-phenylalanyl-L-arginyl-L-tryptophyl-, (2→7)-lactam

Compound	: **PT-141**	**Client :**	**UMBRELLA.us**
Lot number	: **ULP-30004**		**3280 E Hemisphere Loop**
Analysis date	: **2023-03-01**		**Tucson, Arizona 85706**
Purity %	: **99.9%**		
Method	: **Mass Spectrometry and UV**		

PubChem CID: 9941379
https://pubchem.ncbi.nlm.nih.gov/compound/9941379



PEAK LIST — Number of detected peaks: 2

Time (min)	Area	%Area	
15.06	**8.40E+03**	**99.9**	**PT-141**
16.01	1.10E+01	0.1	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 1024.52 g
Measured mass : 1024.55 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
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2023-03-02