MZ Biolabs
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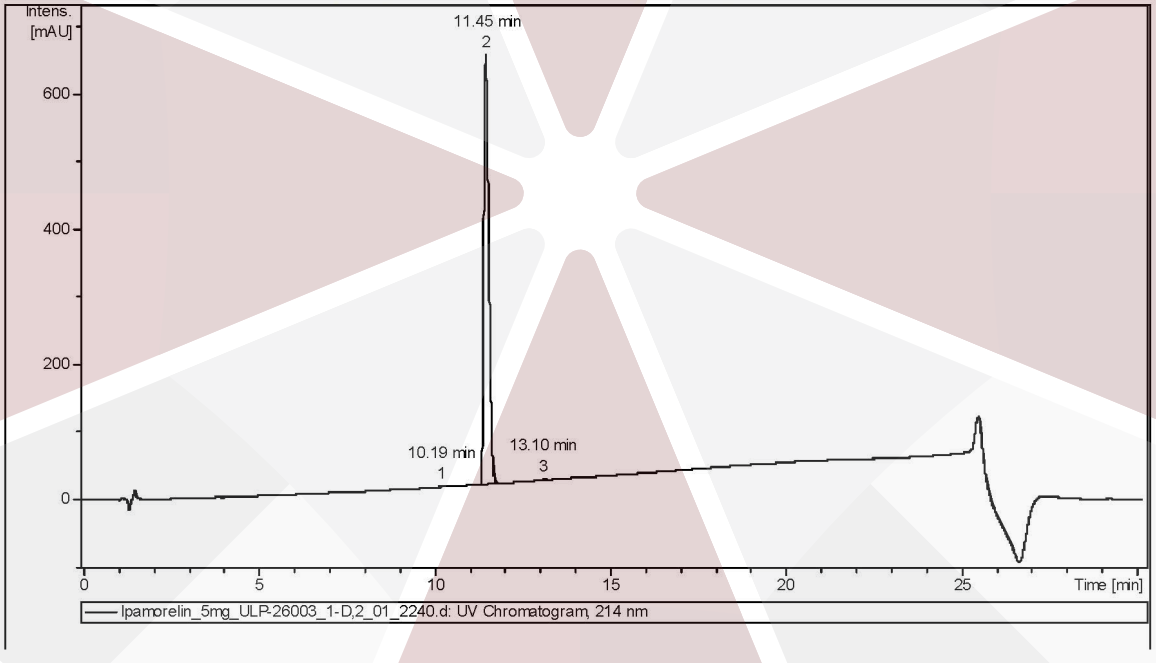
Certificate of Analysis

Ipamorelin

Aib-His-D-2-Nal-D-Phe-Lys-NH2

Compound	: **Ipamorelin**	**Client :**	**UMBRELLA.us**
Lot number	: **ULP-26003**		**3280 E Hemisphere Loop**
Analysis date	: **2023-03-07**		**Tucson, Arizona 85706**
Purity %	: **99.8%**		
Method	: **Mass Spectrometry and UV**		

PubChem CID: 9831659
https://pubchem.ncbi.nlm.nih.gov/compound/9831659



PEAK LIST — Number of detected peaks: 3

Time (min)	Area	%Area	
10.19	7.02E+00	0.1	
11.45	**6.44E+03**	**99.8**	**Ipamorelin**
13.10	9.06E+00	0.1	

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 711.39 g
Measured mass : 711.38 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
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2023-03-09