

Certificate of Analysis

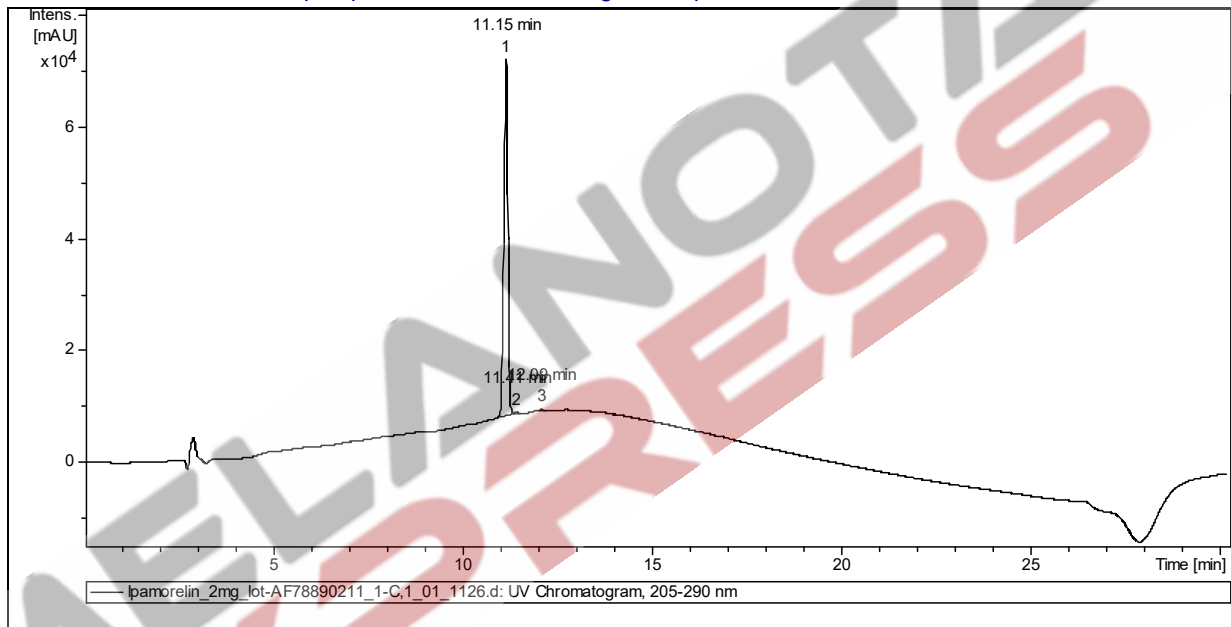
Ipamorelin 2 mg

Gly-Aib-His-D-2-Nal-D-Phe-Lys-NH₂

Compound : Ipamorelin **Client** : Melanotan Express
Lot number : AF78890211
Analysis date : 2022-10-19
Purity % : 99.0%
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	
11.15	4.84E+05	99.5	Ipamorelin
11.41	1.19E+03	0.2	
12.09	1.24E+03	0.3	

Purity confirmed using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 768.41 g with c-terminal Glycine
 Measured mass : 768.41 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
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2022-10-19