

---

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Ipamorelin	
<b>Sequence</b>	Aib-His-D-2-Nal-D-Phe-Lys-NH <sub>2</sub>	
<b>Dissolution condition</b>	5%ACN+95%H <sub>2</sub> O	
<b>CAS NO.</b>	170851-70-4	
<b>Batch</b>	IPAE124	
<b>Molecular Weight (MW)</b>	711.85±1.0	
<b>Storage</b>	-20°C	
<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>Purity by HPLC</b>	≥99.0%	99.89%
<b>Endotoxin</b>	< 50.0EU/mg	Conforms
<b>Moisture content</b>	≤10.0%	5.3%
<b>Acetic acid content</b>	≤15.0%	10.2%
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	10.0mg/vial	10.0mg/vial
<b>Certified by: QA</b>	Date	05/19/2024

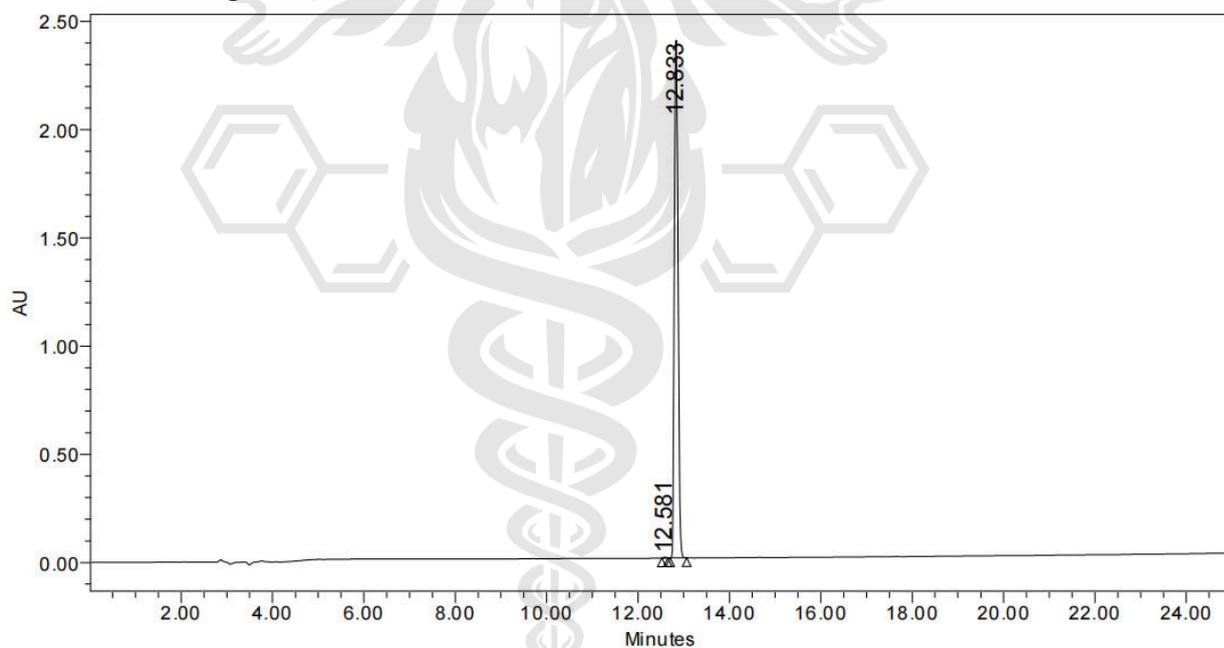
**Note: this product is intended for research use only; not for diagnostic or human use.**

SOVEREIGN HEALTH  
AND PERFORMANCE

## Sample Information

Name : Ipamorelin  
Sequence : Aib-His-D-2-Nal-D-Phe-Lys-NH2  
CAS NO. : 170851-70-4  
Pump A : 0.1% Trifluoroacetic in 100% Water  
Pump B : 0.1% Trifluoroacetic in 100% Acetonitrile  
Total Flow : 1ml/min  
Wavelength : 220nm  
Analytical column type : SHIMADZU Inertsil ODS-SP (4.6\*250mm\*5um)  
Inj. Volume : 5ul

Time	Module	Action	Value
0.00	Pumps	B.Conc	5
25.00	Pumps	B.Conc	65
25.01	Pumps	B.Conc	100



	RT	Area	% Area	Height
1	12.581	14690	0.11	3966
2	12.833	13871225	99.89	2410906

SOVEREIGN HEALTH  
AND PERFORMANCE

IPAMORELIN 14 (0.259)

Scan ES+  
8.25e7



SOVEREIGN HEALTH  
AND PERFORMANCE