



## Certificate of Analysis

Product Name	Ipamorelin	CAS No.	170851-70-4
Molecular Formula	C38H49N9O5	Molecular Weight	711.85
Batch No.	XR23110601-3-1	Date of Mfg	Mar 15,2024
Reference Standard	Enterprise Standard	Retest Date	Mar 14,2026
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	
Appearance	White or almost white fluffy powder	Conform	
Solubility	Soluble in water	Conform	
Water Content (Karl Fischer)	< 8.0%	3.50%	
Acetic Acid (By HPLC)	< 18.0%	16.10%	
Trifluoroacetic Acid	< 0.5%	0.34%	
Peptide Purity (By HPLC)	> 98.0%	99.85%	
Related Substance (By HPLC)	Total Impurities(%) < 2.0%	0.15%	
	Largest Single Impurity(%) < 1.0%	0.05%	
Bacterial Endotoxins	<10 EU/mg	Conform	
Assay	> 75.0%	79.60%	
Conclusion	This batch meets the internal standards of the enterprise and is qualified.		

Note: This product is for research or production use only.