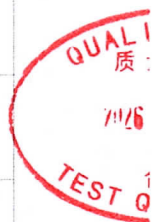


# Certificate of Analysis

<b>Product</b>	Ipamorelin Powder (Synthetic)	<b>CAS No.:</b>	170851-70-4
<b>Product No.</b>	800046	<b>Molecular Formula</b>	C <sub>38</sub> H <sub>49</sub> N <sub>9</sub> O <sub>5</sub>
<b>Sequence</b>	Aib-His-D2Nal-DPhe-Lys-NH <sub>2</sub>		
<b>Batch No.</b>	800046-26031501-04	<b>Quantity</b>	186.8g
<b>Mfg. Date</b>	Mar. 15 <sup>th</sup> , 2026	<b>Retest Date</b>	Mar. 14 <sup>th</sup> , 2028



【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
<b>Appearance</b>	White or off-white powder	White powder
<b>Solubility</b>	Soluble in H <sub>2</sub> O	Conforms
<b>HPLC</b>	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
<b>Amino acid content</b>	Aib 0.9-1.1	1.0
	Lys 0.9-1.1	1.0
	His 0.9-1.1	1.0
	D-Phe 0.9-1.1	1.0
	D-2-Nal 0.9-1.1	0.9
<b>Mass spectrum</b>	711.9±1.0	711.4
<b>Purity(HPLC)</b>	NLT 98.0%	99.8%
<b>Acetic acid</b>	NMT 20.0%	17.3%
<b>Trifluoroacetate</b>	NMT 0.5%	N.D
<b>Water content(KF)</b>	NMT 8.0%	4.0%

QUALITY TEST  
质量检验  
合格  
2026.3.15  
QUALIFIED

Peptide content(%)	NLT 75.0%	78.5%
Residual solvent	Methylene chloride NMT 600ppm	N.D
	Acetonitrile NMT 410 ppm	20ppm
	Methyl tert-butyl ether NMT 5000 ppm	N.D
	DMF NMT 880ppm	N.D
Bacterial endotoxins	NMT 10EU/mg	Conforms
Microbial limits	TAMC NMT 100cfu/g	Conforms
	TYMC NMT 100cfu/g	
Storage	In an air tight container, protected from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>Ji Peng</i> QUALITY TEST 质量检验 2026.3.15	Date 2026.3.15
Reviewer	<i>Frank</i> 合格 2026.3.15	Date 2026.3.15
Conclusion: This batch of product complies with Enterprise Standard.		

It is only supplied as chemical product.

It is only for R&D use.