

## Certification of Analysis

<b>Product Name</b>	GHRP-2 Acetate	<b>CAS No.</b>	
<b>Molecular Formula</b>	C <sub>45</sub> H <sub>55</sub> N <sub>9</sub> O <sub>6</sub>	<b>Batch No.</b>	P241223-LC488707
<b>Molecular Weight</b>	818.0	<b>Manufacturing Date</b>	23.03.2025
<b>Storage</b>	Cool dry place	<b>Retest Date</b>	23.03.2025
<b>Sequence</b>	D-Ala-D-βNal-Ala-Trp-D-Phe-Lys-NH <sub>2</sub>		
<b>TEST</b>		<b>SPECIFICATION</b>	<b>RESULT</b>
1	<b>Appearance</b>	White powder	White powder
2	<b>Solubility</b>	Soluble in water or acetic acid to give a clear, colorless solution	Conforms
3	<b>Identification</b> (MS)	818.0 ± 1.0	818.55
4	<b>Amino Acid Composition</b>	±10% of theoretical	Conforms
5	<b>Peptide Purity</b> (By HPLC)	≥98.0% by area integration	99.94%
6	<b>Related Substance</b> (By HPLC)	Total Impurities(%)≤2.0% Largest Single Impurity(%)≤1.0%	0.06% 0.05%
7	<b>Acetate Content</b> (By HPLC)	≤15.0%	15.1%
8	<b>Water Content</b> (Karl Fischer)	≤8.0%	4.4%
9	<b>Bacterial Endotoxins</b>	≤5EU/mg	Conforms
10	<b>Peptide Content</b> (N determination)	≥80.0%	83.27%
11	<b>Assay</b> (By Anhydrous, Acetic Acid-free)	95.0~105.0%	102.77%