



## Anabolic Complex

### *GHRP-2 Certification of Analysis*

<b>Product Name</b>	GHRP-2 Acetate	<b>CAS No.</b>	158861-67-7
<b>Molecular</b>	C45H54N9O6	<b>Batch No.</b>	P190118-2005
<b>Molecular Weight</b>	818.0	<b>Manufacturing Date</b>	20190118
<b>Storage</b>	Cool dry place	<b>Retest Date</b>	20210118
<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 at a to give a clear, colorless solution	Conforms
3	<b>Identification (MS)</b>	818.0±1.0	818.55
3	<b>Amino Acid Composition</b>	±10% of theoretical	Conforms
4	<b>Peptide Purity (By HPLC)</b>	≥98.0% by area integration	98.86%
5	<b>Related Substance (By HPLC)</b>	Total Impurities(%)≤2.0% Largest Single Impurity(%)≤2.0%	1.14% 0.56%
6	<b>Acetate Content (By HPLC)</b>	≤15.0%	11.8%
7	<b>Water Content (Karl Fischer)</b>	≤8.0%	4.5%
8	<b>Bacterial Endotoxins</b>	≤5EU/mg	Conform
9	<b>Peptide Content (N determination)</b>	≥80.0%	86.7%
10	<b>Assay (By Anhydrous, Acetic)</b>	95.0~105.0%	98.5%