



### Certificate of Analysis

<b>Product name</b>	Palmitoyl Tripeptide-5	<b>Manufacture date</b>	Apr.09.2024
<b>Batch number</b>	FQ240409	<b>Analysis date</b>	Apr.10.2024
<b>Batch quantity</b>	10kg	<b>Expire date</b>	Apr.09.2026

Test Items	Specification	Results
<b>Identification</b>	A: H-NMR: Comply with the structure	Complies
	B: LC-MS: Comply with the structure	Complies
	C: The IR spectre of sample should be identical with that of reference standard	Complies
	D: HPLC-ESI-MS	Complies
<b>Heavy Metal</b>	NMT 10 ppm	Complies
<b>Lead(Pb)</b>	NMT 2 ppm	Complies
<b>Arsenic(As)</b>	NMT 1 ppm	Complies
<b>Water</b>	NMT 1 %	0.1%
<b>Acetate content</b>	5.0%~12.0%	Complies
<b>Related Substances</b>	Unspecified impurities: for each impurity < 0.1 %	0.08%
	Total impurity < 0.5 %	0.18%
<b>Peptide content</b>	≥80.0%	Complies
<b>Assay</b>	≥ 99 %	99.47%
<b>Conclusion</b>	Conform with specification	

<b>Packing description:</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage:</b>	Store in a tightly closed container ,in a cool and dry place
<b>Shelf life:</b>	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 方琼

