

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	<b>Copper Peptide</b>		
<b>Batch No.</b>	P251228-C010	<b>Quantity</b>	60.21kg
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>22</sub> N <sub>6</sub> O <sub>4</sub> Cu	<b>Molecular Weight</b>	401.91
<b>Manufacturing Date</b>	December 28, 2025	<b>Retest Date</b>	December 27, 2027
<b>Analytical results</b>			
<b>Items</b>	<b>Specifications</b>		<b>Results</b>
<b>Appearance</b>	Blue powder		Conforms
<b>MS (ESI)</b>	401.91 ± 1		401.44
<b>pH</b>	6.0-8.0		7.1
<b>Purity (HPLC)</b>	≥ 98.0%		99.95%
<b>Copper content</b>	8.0%-16.0%		14.3%
<b>Acetic Acid</b>	≤ 2.5%		0.46%
<b>Peptide Content (By N)</b>	≥ 80.0%		86.6%
<b>Solubility</b>	≥ 100mg/ml (H <sub>2</sub> O)		Conforms
<b>Water (K.F.)</b>	≤ 8.0%		2.6%
<b>Lead (mg/kg)</b>	≤ 10		< 10
<b>Arsenic (mg/kg)</b>	≤ 2		< 2
<b>Mercury (mg/kg)</b>	≤ 1		< 1
<b>Cadmium (mg/kg)</b>	≤ 5		ND
<b>Total plate count (cfu/g)</b>	≤ 1000		< 10cfu/g
<b>Yeast &amp; mould (cfu/g)</b>	≤ 100		< 10cfu/g
<b>Store at</b>	Cool dry place( away from the light)		
<b>Conclusion</b>	Complies with the manufacturer' s standard		

Inspector: Carlifor Wu

Verifier: Jack He