

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	<b>Copper Peptide</b>		
<b>Batch No.</b>	P230922-C010		
<b>Manufacturing Date</b>	September 22, 2023	<b>Expiry Date TO</b>	September 21, 2025
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>24</sub> N <sub>6</sub> O <sub>4</sub> · Cu	<b>Molecular Weight</b>	340.39+63.55
<b>Quantity</b>	1500g	<b>CAS No</b>	49557-75-7
<b>Analytical results</b>			
<b>Items</b>	<b>Specifications</b>		<b>Results</b>
<b>Appearance</b>	Blue powder		Conforms
<b>Solubility</b>	Soluble in water		Conforms
<b>PH</b>	6.0-8.0		7
<b>Purity(HPLC)</b>	≥98.0%		99.88%
<b>Copper content</b>	10.0%-16.0%		12.30%
<b>Acetic Acid</b>	≤15.0%		10.30%
<b>Loss on drying</b>	≤8.0%		5.20%
<b>MS (ESI)</b>	Conforms		Conforms
<b>Mass Balance</b>	95.0~105.0%		Conforms
<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

