



## Unilong Industry Co., Ltd

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Palmitoyl Pentapeptide-4	<b>Batch No.</b>	JL20230815
<b>CAS</b>	214047-00-4	<b>MF Date</b>	AUG.15,2023
<b>Packing</b>	1kg/bag	<b>Analysis Date</b>	AUG.15,2023
<b>Quantity</b>	2kg	<b>Expiry Date</b>	AUG.14,2025
<b>Item</b>	<b>Standard</b>	<b>Result</b>	
<b>Appearance</b>	White to off-white powder	Conforms	
<b>Identity by ESI-MS</b>	Theoretical MW:802.07	Conforms	
<b>Peptide Content (By N)</b>	$\geq 80.0\%$	85.06%	
<b>Water (KF)</b>	$\leq 7.0\%$	1.74%	
<b>Hydrochloric acid content</b>	$\leq 15.0\%$	9.85%	
<b>Purity (HPLC)</b>	$\geq 98.0\%$	99.17%	
<b>Store at</b>	Keep in dark and cool dry place (-20 to 8° C)		
<b>Conclusion</b>	Complied with the specification		

**Analyst:** Wen Qian

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