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CERTIFICATE OF ANALYSIS

Product Name:	Copper Tripeptide-1	Batch No.	JL20210305
Cas	89030-95-5	MF Date	Mar.05,2021
Packing	200KGS/DRUM	Analysis Date	Mar.05,2021
Quantity	10KG	Expiry Date	Mar.04,2023
Item	Standard	Result	
APPEARANCE	Blue to purple powder	Conforms	
Identity by HPLC	The retention is same with the reference substance	Conforms	
Peptide purity (By HPLC)	$\geq 95.0\%$	99.27%	
Identity by MS	401.1 ± 1	Conforms	
Solubility	$\geq 100\text{mg/ml(H}_2\text{O)}$	Conforms	
Water Content (Karl Fischer)	$\leq 8.0\%$	3.98%	
Copper Content	8-12%	10.30%	
pH (1% water solution)	6.0-8.0	6.53	
Conclusion	The test result is confirmed to the specification and qualified		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng