



Xi'an Biof Bio-technology Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product Name	L-Carnosine	Specification	Company Standard
CAS No.	305-84-0	Manufacture Date	2024.2.27
Quantity	300KG	Analysis Date	2024.3.4
Batch No.	ES-240227	Expiry Date	2026.2.26
Items	Specifications	Results	
Assay (HPLC)	99.0%-101.0%	99.7%	
Appearance	White Powder	Complies	
Odor & Tasted	Characteristic	Complies	
Particle Size	95% pass 80 mesh	Complies	
Loss on Drying	≤1.0%	0.09%	
Specific Rotation	+20°- +22°	20.8°	
Residue on Ignition	≤0.1%	0.1%	
Melting Point	250°C-265°C	Complies	
pH(in 2% water)	7.5-8.5	8.3	
L-histidine	≤1.0%	<1.0%	
B-alanine	≤0.1%	<0.1%	
Total Heavy Metal	≤10 ppm	Complies	
Microbiological Test			
Total Plate Count	<1000cfu/g	Complies	
Yeast & Mold	<100cfu/g	Complies	
E.Coli	Negative	Complies	
Salmonella	Negative	Complies	
Package	Packed in plastic bag inside and aluminum foil bag outside.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf life	Two years when properly stored.		
Conclusion	Sample Qualified.		

Analyst: Jiayan Yang

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