



上海诺创生物科技有限公司

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CERTIFICATE OF ANALYSIS

Product Name: L-Carnosine
CAS No.: 305-84-0
Batch Number: 20231208 Batch Quantity: 500KGS
Manufacture Date: 2023-12-08 Expiry Date: 2025-12-07

ITEMS	SPECIFICATION	RESULTS
Appearance	White to off-white crystalline powder	Conforms
Identification	Infrared identification	Conforms
Assay	99.0%~101.0%	99.70%
Specific optical rotation	+20.0°~ +22.0°	+21.20°
Melting point	250.0°C~265.0°C	250.4°C~253.5°C
Particle size	90% Pass 40mesh	Conforms
Loss on drying	1.0% Max	0.23%
Residue on ignition	0.1% Max	0.04%
pH	7.5~8.5	8.24
Heavy Metals (Pb)	10ppm Max	Conforms
Pb	3ppm Max	Conforms
As	1ppm Max	Conforms
Hg	0.1ppm Max	Conforms
Cd	1ppm Max	Conforms
L-Histidine	1.0% Max	0.14%
β-alanine	0.1% Max	Not detected
Total plate count	1000cfu/g Max	Conforms
Molds and Yeast	100cfu/g Max	Conforms
E.coli	Negative	Conforms
Salmonella	Negative	Conforms
Conclusion	This Batch is conforming with the Enterprises Standard.	
Storage	Store in cool & dry place, keep away from strong light and heat.	

Shawn
Analyst

Rick
Approved

Whip
Header of QC