



**Buckton
Scott
Deutschland**

Specification	DATE:	20.03.2025
L-Carnosine	TEST METHOD:	USP

Item	Specification
CAS no.	305-84-0
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
Appearance	White to almost white powder
Smell	Odourless
Melting Point	250°C~265°C
Specific rotation	+20°~+22°
Assay	99.0% - 101.0%
pH value (in 2% water)	7.5~8.5
Loss on drying	≤1.0%
Residue on Ignition	≤0.1%
Loose Bulk density	≥0.2~0.35g/ml
Heavy metals	≤10ppm
Lead	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Arsenic	≤1ppm
L-histidine	≤1.0%
β-alanine	≤0.1%
Particle size	100% through 100mesh
Microbiological Limits	
Total Plate Count	≤1000cfu/g
Yeasts & molds	≤100cfu/g
E.coli	Negative
Salmonella	Negative
Storage condition	Seal and store in the well closed container
Shelf life	2 years
Country of Origin	China

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

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