



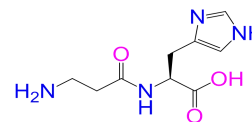
DIECKMANN

Shenzhen Dieckmann Tech Co.,Ltd

Building F, 4th Floor, First branch of Zhongcheng Life Science Compass, Kengzi zhongxin Road No.14, Pingshan New District, Shenzhen China

Tel : 0086-0755-28961872
Email:sale@dkmchem.comFax: 0086-0755-84813563
http://www.dkmchem.com**Certificate of Analysis**

Product Name:	L-Carnosine	Structure:
CAS:	305-84-0	
Quantity:	40kgs	
Batch No.	2019051502	
Manufacture Date:	2019-05-15	
Expiration Date:	2021-05-14	



Items	Specifications	Results
Appearance	White Powder	Confirmed
Color	White to almost white	Confirmed
Smell	Odourless	Confirmed
Identification	Must comply	confirmed
Purity(HPLC)	≥98%	99.6%
Loss on drying	≤1.0%	0.13%
Heavy metals PPM	≤10ppm	<10ppm
Arsenic	≤1ppm	<1ppm
Lead	≤3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Residue on Ignition	≤0.1%	0.05%
Specific Rotation	+20° to +22°	+21°
Melting Point	250°C-265°C	254.7°C-256.1°C
pH (in 2% water)	7.5-8.5	8.3
L-histidine	≤ 0.3%	0.06%
β-Alanine	≤ 0.1%	0.02%
Total aerobic count (CFU/g)	≤1000	<15
Yeasts & Molds (CFU/g)	≤100	<10
E. Coli	Negative	Negative
Salmonella	Negative	Negative
Hydrazine content	≤2ppm	confirmed
Loose Bulk density		0.17g/ml

Conclusion: Quality is confirmed !**Storage:** Keep in keep container tightly closed in a dry and well-ventilated place.**Inspector by:** Zhishuai Guan**Date:** 2019-05-17**Approved:** Jialiang Song**Date:** 2019-05-18