

Manufacturer Add:
Industrial Park in Wugong County,
Xianyang City, Shaanxi Province, China.

www.fzbiotech.com
Email: sales@fengzusw.com
Tel.: 86-029-8129-4858

Certificate of Analysis

Product Name	L-Carnosine	CAS No.	305-84-0
Batch No.	FZCAR170215	Test sample qty.	50g
Produce date	2017.02.15	Expiry date	2019.2.14
Reference Standard: enterprise standard			

ITEM	STANDARD	RESULT
Appearance	off white powder	Qualified
Assay	99%~101%	99.20%
Specific rotation	+20° ~ +22°	+21.2°
PH	7.5-8.5	8.3
Loss on drying	≤1%	0.17%
Melting point	250°C~265°C	250.1°C~251.8°C
Ash	≤0.1%	0.04%
Single unknow impurity	≤0.08%	0.07%
Total unknow impurity	≤0.8%	0.26%
L-Histidine	≤0.03%	0.027%
Heavy metals	<10ppm	Qualified
Pb	<3ppm	Qualified
As	<1ppm	Qualified
Cd	<1ppm	Qualified
Hg	<0.1ppm	Qualified
Total plate count	<1000CFU/g	150CFU/g
Yeast/Moulds count	<100CFU/g	50CFU/g
E. Coli	negative	not detectable
Salmonella	negative	not detectable
Storage / stability	In tightly closed containers, protected from humidity.	
Conclusion	This product conforms to requirements of enterprise standard	
Shelf life:	2 years if properly stored	
Operator: Kai Guo	Approval: Qiang Liu	