

CERTIFICATE OF ANALYSIS

Product Name	L-Carnosine	Batch No	PY-LC20200610
Quantity	500KG	Analysis Date	Jun.13, 2020
Mfg. Date	Jun.10, 2020	Exp. Date	Jun.09, 2022
Package	25kg/Drum	Standard	Enterprise Standard

No.	Item	Specification	Result
1.	Appearance	White to almost white powder	Complies
2.	Odour	Odourless	Complies
3.	Identification	Complies	Complies
4.	Assay	99.0%~101.0%	99.8%
5.	Particle Size	100% pass 100 mesh size	Complies
6.	Loss on Drying	≤1.0%	0.08%
7.	Residue on Ignition	≤0.1%	0.03%
8.	Specification Rotation	+20°~ +22°	+21.7°
9.	Melting Point	250-265℃	Complies
10.	PH(In 2% Water)	7.5-8.5	8.2
11.	L-histidine	≤1.0%	<1.0%
12.	β-alanine	≤0.1%	<0.1%
13.	Loose Bulk Density	---	0.25g/ml
14.	Heavy Metals	≤10ppm	<10ppm
15.	Pb	≤3ppm	<3ppm
16.	As	≤1.0ppm	<1.0ppm
17.	Cd	≤1.0ppm	<1.0ppm
18.	Hg	≤0.1ppm	<0.1ppm
19.	Total Plate Count	≤1,000cfu/g	<100cfu/g
20.	Yeasts & Molds	≤100cfu/g	<10cfu/g
21.	E.Coli	Negative	Negative
22.	Salmonella	Negative	Negative
23.	Hydrazine Content	Not Detectable	Not Detectable
24.	Conclusion	Conform with Enterprise Standard.	

Analyst: xuli

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