

## 检验报告单

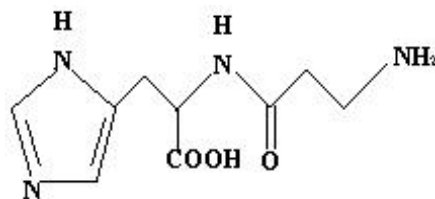
CERTIFICATE OF ANALYSIS

[品名] Product Name: L-Carnosine(L-肌肽)

[分子式] Molecular Formula: C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub>

[分子量] Molecular Weight: 226.2346

[结构式] Structural Formular:



[批号] Batch No.: L-CAR.160201

[规格] Batch Size: 50kgs

[生产日期] MAN.Date: 02/01,2016

[有效日期] EXP.Date: 01/31,2018

ITEMS	SPECIFICATIONS	RESULTS	Method
[外表] Appearance	White powder	Conforms	Organoleptic
[颜色] Color	White to almost white	Conforms	Organoleptic
[气味] Smell	Odourless	Conforms	Organoleptic
[鉴别] Identification	Must comply	Conforms	IR
[干燥失重] Loss on drying	1.0% max	0.26%	USP
[重金属] Heavy metals	10 ppm max	<10ppm	USP
[砷] Arsenic	1 ppm max	<1ppm	USP
[铅] Lead	3ppm max	<3ppm	USP
[镉] Cadmium	1ppm max	<1ppm	USP
[汞] Mercury	0.1ppm max	<0.1ppm	USP
[灼烧残渣] Residue on Ignition	0.10% max	0.03%	USP
[旋光度] Specific rotation	+20° to +22°	+20.5°	USP
[熔点] Melting Point	250°C~265°C	Conforms	USP
[pH] (in 2% water)	7.5~8.5	8.3	USP
[L-组氨酸] L-histidine	1.0% max	<1.0%	HPLC
[β-丙氨酸] β-alanine	0.1% max	<0.1%	HPLC
[需氧菌总数] Total aerobes counts	1000 CFU/g max	<10 CFU/g	USP
[霉菌和酵母菌] Mold & Yeast	100 CFU/g max	<10 CFU/g	USP
[大肠杆菌] E.Coli	Negative	Not Detectable	USP
[沙门氏菌] Salmonella	Negative	Not Detectable	USP
[胂含量] Hydrazine content	Not detectable	Not Detectable	Colorimetry
[目数] Particle Size	100% through 100 mesh	Conforms	USP
[松堆密度] Loose Bulk Density		0.242g/ml	USP
[含量] Assay	99.0% to 101.0%	99.68%	HPLC

[质量控制部门]

Quality Control Department



[复核人]

Corrector: Wang fen

[检验者]

Inspector: Li qing/He xiaolu