



## 规格单

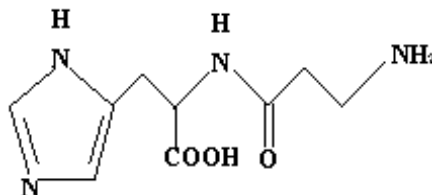
### SPECIFICATIONS SHEET

[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:**



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