

CERTIFICATE OF ANALYSIS

Product Name: **L-CARNOSINE**

Lot No.: **050424**

Mfg. Date: **04/15/2005**

Expiry Date: **04/14/2007**

<u>Tests:</u>	<u>Specifications</u>	<u>Result</u>
Aspect	White to almost white powder	Conforms
Color	White to almost white	Conforms
Smell	Characteristic	Conforms
Identification	Must Comply	Conforms
Loss on drying	NMT 1.0%	0.29%
Heavy metals	NMT 10 ppm	< 10 ppm
Specific rotation	+20° to +22°	+20.8°
Residue on Ignition	NMT 0.1%	0.06%
Free Amino Acids (TLC)	NMT 0.5%	Conforms
<u>Microbial contamination:</u>		
Yeast and Molds	<300 cfu/g	Conforms
E. Coli	Negative	Not detectable
Salmonella	Negative	Not detectable
Hydrazine content	Not detectable	Not detectable
Particle size	100% through 100 mesh	Conforms
Loose Bulk Density	≥0.20 g/ml	0.236 g/ml
Assay	99.0% to 101.0%	99.21%

Approved by _____

