



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-134
Lot Number 001192-120225
Product β -Ala-His-OH

L-Carnosine

CAS Number 305-84-0
Molecular Formula $C_9H_{14}N_4O_3$
Molecular Weight 226.24

Appearance	White powder
Heavy Metals	< 10 ppm
Trace Metal Analysis	Lead: < 0.5 ppm Cadmium: < 0.5 ppm Mercury: < 0.5 ppm
Arsenic (As_2O_2)	< 0.5 ppm
pH	8.2 (2% in water)
Yeast and Mold	< 10 cfu/g
Optical Rotation	$[\alpha]_D = +21.3^\circ$
Infrared Spectrum	Conforms to structure
Loss on Drying	0.22%
Residual Solvents	According to EP
E. Coli	Negative
Salmonella	Not detected
Particle Size	100% through 100 mesh
Residue On Ignition	0.03%
Assay	99.55%
Storage	Store at 0-8°C

Prepared by:

Ramesh Mandadi

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Director of Operations

Reviewed and approved by:

Sujata Moton

S. Moton

VP