

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03559
Lot Number	001192-120225
Product	β-Ala-His-OH L-Carnosine
CAS Number	305-84-0
Molecular Formula	C ₉ H ₁₄ N ₄ O 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 (As₂O₂)	< 0.5 ppm
pH	8.2 (2% in water)
Yeast and Mold	< 10 cfu/g
Optical Rotation	[α] _D = +21.3 °
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

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager