



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-1761
Lot Number 20070115
Product **L-Histidine**

L-His-OH

CAS Number 71-00-1
Molecular Formula $C_6H_9N_3O_2$
Molecular Weight 155.2

Appearance	White powder
Heavy Metals	6 ppm
Anion	Chloride (Cl ⁻): 0.010% Sulfate (SO ₄ ²⁻): 0.010%
Cation	Ammonium (NH ₄ ⁺): 0.015% Iron (Fe): 5 ppm
pH	7.0-8.5
Optical Rotation	$[\alpha]^{20}_D = + 12.3^\circ$
Infrared Spectrum	Conforms to structure
Transmission	98.9%
Loss on Drying	0.12%
Other Amino Acids	Chromatographically not detectable
Residue On Ignition	0.05%
Assay	99.60%
Storage	Store at RT
Pyrogen	Free
Additional Information	Arsenic (As ₂ O ₃): 0.5 ppm

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