

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00181
Lot Number	001192-00181-0515
Product	L-Histidine hydrochloride monohydrate L-His-OH•HCl•H ₂ O
CAS Number	5934-29-2
Molecular Formula	C ₆ H ₉ N ₃ O ₂ •HCl•H ₂ O
Molecular Weight	209.6

Appearance	White crystals or crystalline powder
Heavy Metals	< 10 ppm
Anion	Chloride (Cl): 16.9% Sulfate (SO ₄): < 0.02%
Cation	Ammonium (NH ₄): < 0.02% Iron (Fe): < 10 ppm Arsenic (As ₂ O ₃): < 1 ppm
pH	3.8
Optical Rotation	[α] _D ²⁰ = +9.2°
Infrared Spectrum	Conforms to structure
Transmission	99.2%
Loss on Drying	0.15%
Other Amino Acids	Chromatographically not detectable
Residue On Ignition	0.04%
Assay by titration	99.62% (anhydrous basis)
Storage	Store at RT

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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