

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	03080
Product	L-Histidine methyl ester dihydrochloride
Lot Number	000424-190218-10930
	L-His-OMe•2HCl
CAS Number	7389-87-9
Molecular Formula	C ₇ H ₁₁ N ₃ O ₂ •2HCl
Molecular Weight	242.1

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL water)
Melting Point	195.5 - 199.6 °C
Elemental Analysis (Found)	< 5% (C, H, N)
Water Content (Karl Fisher)	0.193%
Optical Rotation	[α] _D ²⁰ = 9.6 ° (C=2 in water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.120% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.88%
Storage	Store at 0 - 8 °C
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