

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	06433
Product Name	Z-D-His-OH Z-D-histidine
Lot Number	110811-12101
Molecular Formula	C ₁₄ H ₁₅ N ₃ O ₄
Molecular Weight	289.29
Appearance	White to off white powder
Clarity of solution	Clear solution (0.3g in 2ml DMF and 2ml H ₂ O)
Melting Point	162.3 - 163.2 °C
Specific Optical Rotation [α_D²⁰]	+25.8° (C=1 6N HCl)
Water Content (K.F)	0.17%
Loss on drying	0.25%
Analysis by IR Spectrum	Conforms to structure
Analysis by Mass Spectrum	Conforms to structure
Analysis by NMR Spectrum	Conforms to structure
Purity(HPLC)	99.87%
Storage	Store at 0-5°C.
Remarks	See material safety data sheets 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