

Certificate of Analysis

Date of Testing: 2025-09-10 16:31:20
Date of Next Testing: 2029-09-09 16:31:20
Product Name: **L-Histidine**
CAS Number: 71-00-1
Specifications & Purity: Moligand™, ≥99%
Lot #: I2504320
SKU #: **H108260**
Version: **0**
Analysis #: **563450**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.43700%
Specific Rotation [α] ₂₀ /D(c=11 in 6mol/L HCl)	12-14 (°)	13.68°
Nitrogen by Elemental Analysis	26.8-27.3 (%)	27.02%
Carbon by Elemental Analysis	45.9-47.4 (%)	46.38%
Appearance (H108260)	White to Off-White Powder	White to Off-White Powder
Solubility in 0.5 M HCl , Colorless,Clear at 50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager