

Certificate of Analysis

Date of Testing: 2025-09-10 18:30:31

Date of Next Testing: 2029-09-09 18:30:31

Product Name: **L-Histidine**

CAS Number: 71-00-1

Specifications & Purity: Moligand™, ≥99%

Lot #: I2504452

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