

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-15 11:41:50  
Date of Next Testing: 2028-11-14 11:41:50  
Product Name: **L-Histidine**  
CAS Number: 71-00-1  
Specifications & Purity: Moligand™, ≥99%  
Lot #: K2413277  
SKU #: **H108260**  
Version: **0**  
Analysis #: **428156**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	100.00000 %
Nitrogen by Elemental Analysis	26.8-27.3 (%)	27.06 %
Carbon by Elemental Analysis	45.9-47.4 (%)	46.22 %
Specific Rotation [α] <sub>20</sub> /D(c=11 in 6mol/L HCl)	12-14 (°)	12.10°
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