

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-23 11:57:07

Date of Next Testing: 2028-05-22 11:57:07

Product Name: **L-Histidine**

CAS Number: 71-00-1

Specifications & Purity:  $\geq 99\%$ 

Lot #: E2410150

SKU #: **H108260**Version: **0**Analysis #: **335512**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.02200%
Nitrogen by Elemental Analysis	26.8-27.3 (%)	27.12%
Carbon by Elemental Analysis	45.9-47.4 (%)	46.83%
Specific Rotation $[\alpha]_{20/D}(c=11 \text{ in } 6\text{mol/L HCl})$	12-14 ( $^{\circ}$ )	12.18 $^{\circ}$
Infrared spectrum	Conforms to Structure	Conforms to Structure
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

John Su  
QA & QC Manager