

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-14 13:34:03
Date of Next Testing: 2028-09-13 13:34:03
Product Name: **L-Histidine monohydrate monohydrochloride**
CAS Number: 5934-29-2
Specifications & Purity: $\geq 99\%$
Lot #: I2405067
SKU #: **H106210**
Version: **0**
Analysis #: **177626**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	100.00 ppm
Other amino acids	0-0.5 (%)	0.02 %
Sulfate Ash	0-0.1 (%)	0.00 %
Heavy metal (as Pb)	0-10 (ppm)	5.80 ppm
PH	3-5	3.50
Iron(Fe)	0-10 (ppm)	2.33 ppm
Specific Rotation [a] ₂₀ /D(c=11 in 6N HCl)	9-10.3 (°)	9.20°
Loss on drying	0-2 (%)	0.05 %
Purity(HPLC)	99-100 (%)	99.80000 %
Ammonia (NH4)	0-500 (ppm)	200.00 ppm
Appearance (H106210)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Solution transparent	pass	Pass



John Su
QA & QC Manager