

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-28 13:18:45
 Date of Next Testing: 2027-12-27 13:18:45
 Product Name: **L-Histidine monohydrate monohydrochloride**
 CAS Number: 5934-29-2
 Specifications & Purity: Moligand™, ≥99%
 Lot #: L2322028
 SKU #: **H106210**
 Version: **0**
 Analysis #: **309525**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	191.00000 ppm
Other amino acids	0-0.5 (%)	0.02000 %
Sulfate Ash	0-0.1 (%)	0.00500 %
Ammonia (NH4)	0-500 (ppm)	198.00000 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
pH	3-5	3.90000
Iron(Fe)	0-10 (ppm)	8.00000 ppm
Specific Rotation [α] ₂₀ /D(c=11 in 6N HCl)	9-10.3 (°)	9.00000 °
Loss on drying	0-2 (%)	0.10000 %
Purity(HPLC)	99-100 (%)	99.80000 %
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