

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 15:11:52
 Date of Next Testing: 2027-01-10 15:11:52
 Product Name: **L-Histidine monohydrate monohydrochloride**
 CAS Number: 5934-29-2
 Specifications & Purity: Moligand™, ≥99%
 Lot #: A2309611
 SKU #: **H106210**
 Version: **0**
 Analysis #: **177626**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	100.00000 ppm
Other amino acids	0-0.5 (%)	0.02030 %
Sulfate Ash	0-0.1 (%)	0.00110 %
Heavy metal (as Pb)	0-10 (ppm)	5.80000 ppm
pH	3-5	3.50000
Iron(Fe)	0-10 (ppm)	2.33000 ppm
Specific Rotation [α] ₂₀ /D(c=11 in 6N HCl)	9-10.3 (°)	9.20000 °
Loss on drying	0-2 (%)	0.05000 %
Purity(HPLC)	99-100 (%)	99.80000 %
Ammonia (NH ₄)	0-500 (ppm)	200.00000 ppm
Appearance (H106210)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Solution transparent	pass	Pass



John Su
QA & QC Manager