

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-29 14:06:53
 Date of Next Testing: 2026-07-28 14:06:53
 Product Name: **L-Histidine monohydrate monohydrochloride**
 CAS Number: 5934-29-2
 Specifications & Purity: Moligand™, ≥99%
 Lot #: G2227054
 SKU #: **H106210**
 Version: **0**
 Analysis #: **067465**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	135.69000 ppm
Other amino acids	0-0.5 (%)	0.25000 %
Sulfate Ash	0-0.1 (%)	0.01600 %
Ammonia (NH4)	0-100 (ppm)	50.20000 ppm
Heavy metal (as Pb)	0-10 (ppm)	1.97300 ppm
pH	3-5	3.80000
Iron(Fe)	0-10 (ppm)	5.85200 ppm
Specific Rotation [α] ₂₀ /D(c=11 in 6N HCl)	9-10.3 (°)	9.50000 °
Loss on drying	0-2 (%)	1.00000 %
Purity(HPLC)	99-100 (%)	99.38900 %
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