

Certificate of Analysis

Date of Testing: 2023-01-11 11:16:59

Date of Next Testing: 2027-01-10 11:16:59

Product Name: **L-Histidine monohydrate monohydrochloride**

CAS Number: 5934-29-2

Specifications & Purity: ≥99%

Lot #: A2309616

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 [α] 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 (NH ₄)	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 H ₂ O , Solution transparent	pass	Pass



John Su
QA & QC Manager