

Certificate of Analysis

Date of Testing: 2024-09-24 13:56:49

Date of Next Testing: 2028-09-23 13:56:49

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

CAS Number: 5934-29-2

Specifications & Purity: 99%

Lot #: I2412430

SKU # **H106210**

Version **0**

Analysis #: **379144**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	200.00 ppm
Other amino acids	0-0.5 (%)	0.20 %
Sulfate Ash	0-0.1 (%)	0.06 %
Ammonia (NH4)	0-500 (ppm)	500.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
PH	3-5	3.82
Iron(Fe)	0-10 (ppm)	0.00 ppm
Specific Rotation [α] ₂₀ /D(c=11 in 6N HCl)	9-10.3 (°)	9.70°
Loss on drying	0-2 (%)	0.53 %
Purity(HPLC)	99-100 (%)	99.09100 %
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