

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-20 16:57:44
 Date of Next Testing: 2028-08-19 16:57:44
 Product Name: **DL-Histidine monohydrochloride monohydrate**
 CAS Number: 123333-71-1
 Specifications & Purity: $\geq 99\%$
 Lot #: K2002178
 SKU #: **H117212**
 Version: **0**
 Analysis #: **401829**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	6.5-10.5 (%)	7.51800 %
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in } 5 \text{ M HCl})$	-2-2 (°)	0.28000 °
Purity(HPLC)	99-100 (%)	99.01300 %
Appearance (H117212)	White Crystals and powders	White Crystals and powders
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, 50 mg/ml in 0.5M HCl	Clear colorless	Clear Colorless



John Su
QA & QC Manager