

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-10 16:47:25
 Date of Next Testing: 2027-07-09 16:47:25
 Product Name: **DL-Histidine monohydrochloride monohydrate**
 CAS Number: 123333-71-1
 Specifications & Purity: $\geq 99\%$
 Lot #: G2305144
 SKU #: **H117212**
 Version: **0**
 Analysis #: **250258**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	6.5-10.5 (%)	7.52000 %
Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in } 5 \text{ M HCl})$	-2-2 (°)	0.30000 °
Purity(HPLC)	99-100 (%)	99.01500 %
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