

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-27 16:57:36  
 Date of Next Testing: 2029-06-26 16:57:36  
 Product Name: **DL-Histidine monohydrochloride monohydrate**  
 CAS Number: 123333-71-1  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: F2517463  
 SKU #: **H117212**  
 Version: **0**  
 Analysis #: **352219**  
 Storage Temperature: Room temperature

| Parameter                                                            | Limit Values               | Result                     |
|----------------------------------------------------------------------|----------------------------|----------------------------|
| Purity(HPLC)                                                         | 99-100 (%)                 | 99.01000 %                 |
| Specific Rotation $[\alpha]_{25/D}(c=2 \text{ in } 5 \text{ M HCl})$ | -2-2 (°)                   | 0.83600 °                  |
| Loss on drying                                                       | 6.5-10.5 (%)               | 6.70000 %                  |
| 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