

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-06 15:14:47

Date of Next Testing: 2026-11-05 15:14:47

Product Name: **L-Histidine hydrochloride**

CAS Number: 1007-42-7

Specifications & Purity: anhydrous, ≥98%

Lot #: K2301280

SKU #: **H586116**

Version: **1**

Analysis #: **287352**

Storage Temperature: Room temperature, Argon charged

| Parameter                                              | Limit Values          | Result                |
|--------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)                                      | 98-100 (%)            | 99.05800 %            |
| Specific Rotation [α] <sub>20</sub> /D(c=11 in 6N HCl) | 8.9-9.5 (°)           | 9.33600 °             |
| Drying loss                                            | ≤2 (%)                | 0.01451 %             |
| NMR Spectrum 1H                                        | Conforms to structure | Conforms to Structure |
| LC-MS for identification                               | Conforms              | Conforms              |



John Su  
QA & QC Manager