

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-20 11:08:13

Date of Next Testing: 2025-08-19 11:08:13

Product Name: **D-Histidine Methyl Ester Dihydrochloride**

CAS Number: 4467-54-3

Specifications & Purity:  $\geq 97\%$ (N)

Lot #: H2217688

SKU #: **S161275**

Version: **0**

Analysis #: **106276**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Purity(with Total Nitrogen)                                     | 97-100 (%)            | 97.99290 %            |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$ | -11--7 (°)            | -10.90000 °           |
| Proton NMR spectrum                                             | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager