

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 14:24:39

Date of Next Testing: 2029-09-18 14:24:39

Product Name: **D-Arginine monohydrochloride**

CAS Number: 627-75-8

Specifications & Purity:  $\geq 98\%$

Lot #: L2109377

SKU #: **A103103**

Version: **0**

Analysis #: **573796**

Storage Temperature: Room temperature

| Parameter                                                            | Limit Values          | Result                |
|----------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                         | 98-100 (%)            | 99.84000 %            |
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in } 5 \text{ M HCl})$ | -22.5--20.5 (°)       | -21.75000 °           |
| Appearance (A103103)                                                 | White powder          | White powder          |
| Clear colorless solution(50mg/ml,water)                              | pass                  | Pass                  |
| Infrared spectrum                                                    | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager