

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-29 16:11:27  
 Date of Next Testing: 2030-06-28 16:11:27  
 Product Name: **DL-Arginine**  
 CAS Number: 7200-25-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: F2623071  
 SKU #: **A110423**  
 Version: **1**  
 Analysis #: **444536**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                        | Limit Values                          | Result                                |
|------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                                     | 98-100 (%)                            | 100.00000 %                           |
| Specific Rotation $[\alpha]_{20D}(c=2 \text{ in } 6\text{NHCl})$ | -2~2 (°)                              | 1.34600 °                             |
| Appearance (A110423)                                             | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                              | Conforms to Structure                 | Conforms to Structure                 |



John Su  
 QA & QC Manager