

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-10-20 09:52:24

Date of Next Testing: 2029-10-19 09:52:24

Product Name: **DL-Arginine Hydrochloride**

CAS Number: 32042-43-6

Specifications & Purity:  $\geq 98\%$

Lot #: J2516176

SKU #: **S20218**

Version: **0**

Analysis #: **593398**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                  | Limit Values              | Result                    |
|----------------------------------------------------------------------------|---------------------------|---------------------------|
| Water by Karl Fischer                                                      | 0-10 (%)                  | 8.13 %                    |
| Purity(HPLC)                                                               | 98-100 (%)                | 99.73600 %                |
| Purity(Nonaqueous Titration)                                               | 97.5-102.5 (%)            | 99.94 %                   |
| Infrared spectrum                                                          | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Clarification or slightly fuzzy (50mg/ml) | pass                      | Pass                      |
| Appearance(S20218)                                                         | White to Off-White Powder | White to Off-White Powder |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

