

## Certificate of Analysis

Date of Testing: 2024-01-09 11:20:01  
Date of Next Testing: 2028-01-08 11:20:01  
Product Name: **DL-Arginine Hydrochloride**  
CAS Number: 32042-43-6  
Specifications & Purity: 98%  
Lot #: A2404393  
SKU #: **A100356**  
**Analysis:** **298486**  
Storage Temperature: Argon charged

| Parameter  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Water by Karl Fischer  | 0-10 (%)                  | 8.13 %                    |
| Purity(HPLC)   | 98-100 (%)                | 99.73600 %                |
| Purity(NonaqueousTitration)  | 97.5-102.5 (%)            | 99.94 %                   |
| Appearance (A100356)   | White to Off-White Powder | White to Off-White Powder |
| Solubility in H <sub>2</sub> O , Clarification or slightly fuzzy (50mg/ml) | pass                      | Pass                      |
| Infrared spectrum  | Conforms to Structure     | Conforms to Structure     |



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