

Certificate of Analysis

Date of Testing: 2023-07-10 13:06:06
Date of Next Testing: 2027-07-09 13:06:06
Product Name: **DL-Arginine Hydrochloride**
CAS Number: 32042-43-6
Specifications & Purity: 98%
Lot #: K1520056
SKU #: **A100356**
Analysis: **249248**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Water by Karl Fischer | 0-10 (%) | 6.15 % |
| Purity(HPLC) | 98-100 (%) | 98.21000 % |
| Purity(NonaqueousTitration) | 97.5-102.5 (%) | 98.11 % |
| Appearance (A100356) | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Clarification or slightly fuzzy (50mg/ml) | pass | Pass |



John Su
QA & QC Manager