

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-18 16:16:20  
Date of Next Testing: 2027-05-17 16:16:20  
Product Name: **DL-Arginine Hydrochloride**  
CAS Number: 32042-43-6  
Specifications & Purity: 98%  
Lot #: E2310635  
SKU #: **A100356**  
**Analysis:** **226124**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	0.36 %
Purity(HPLC)	98-100 (%)	98.96900 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	102.30 %
Appearance (A100356)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Clarification or slightly fuzzy (50mg/ml)	pass	Pass



John Su  
QA & QC Manager