

Certificate of Analysis

Date of Testing: 2025-01-08 08:53:54

Date of Next Testing: 2029-01-07 08:53:54

Product Name: **DL-Arginine Hydrochloride**

CAS Number: 32042-43-6

Specifications & Purity: ≥98%

Lot #: C2124101

SKU # A100356

Version 0

Analysis #: 458628

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	0.36 %
Purity(HPLC)	98-100 (%)	98.90000 %
Purity(NonaqueousTitration)	97.5-102.5 (%)	102.10 %
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