

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 09:39:43
 Date of Next Testing: 2027-03-12 09:39:43
 Product Name: **D-Arginine monohydrochloride**
 CAS Number: 627-75-8
 Specifications & Purity: $\geq 98\%$
 Lot #: E1930010
 SKU #: **A103103**
 Version: **0**
 Analysis #: **197761**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.11900 %
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in } 5 \text{ M HCl})}$	-22.5--20.5 (°)	-21.10000 °
Appearance (A103103)	White powder	White powder
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager