

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-16 15:19:50

Date of Next Testing: 2026-12-15 15:19:50

Product Name: **DL-Arginine**

CAS Number: 7200-25-1

Specifications & Purity: 98%

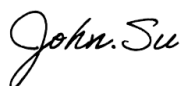
Lot #: L2207414

SKU # **A110423**

Analysis: **158393**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20D} (c=2 in 6NHCl) -1-1 (°)	-1-1 (°)	0.38 °
Purity(HPLC)	98-100 (%)	99.96400 %
Appearance (A110423)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager