

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-13 13:40:09
 Date of Next Testing: 2029-12-12 13:40:09
 Product Name: **L-Arginine p-nitroanilide dihydrochloride**
 CAS Number: 40127-11-5
 Specifications & Purity: Moligand™, ≥98%
 Lot #: L2512142
 SKU #: **A113145**
 Version: **0**
 Analysis #: **616026**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (9.00 - 11.00 mg/ml in MeOH)	48-56 (°)	54.72900°
Purity	98-100 (%)	99.45000 %
Appearance (A113145)	Faint Yellow to Light Yellow powder	Faint Yellow to Light Yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH/DMSO(1/1)	50mg/ml, Clear, Pale Yellow to Yellow	50mg/ml, Clear, Pale Yellow to Yellow



John Su
QA & QC Manager