

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-10 15:53:00

Date of Next Testing: 2029-06-09 15:53:00

Product Name: **N α -(2,4-Dinitrophenyl)-L-arginine**

CAS Number: 1602-42-2

Specifications & Purity: $\geq 97\%$ (HPLC)(T)

Lot #: H2124116

SKU #: **N159223**

Version: **1**

Analysis #: **522066**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	96.5-103.5 (%)	96.90000 %
Purity(HPLC)	97-100 (%)	97.09000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in AcOH})$	-35--32 (°)	-33.30000 °
Appearance (N159223Form)	Powder to crystal	Powder to crystal
Appearance (N159223Color)	Light yellow to Yellow to Orange	Light yellow to Yellow to Orange
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager