

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 13:50:00
 Date of Next Testing: 2025-06-06 13:50:00
 Product Name: **N(alpha)-boc-L-arginine**
 CAS Number: 13726-76-6
 Specifications & Purity: $\geq 98\%$
 Lot #: H2125310
 SKU #: **N132235**
 Version: **0**
 Analysis #: **236663**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in AcOH})$	-8.5--6.5 (°)	-7.20000 °
Appearance (N132235)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Yellow-Green,Clear,100mg/ml	pass	Pass



John Su
QA & QC Manager