

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-30 14:23:00  
Date of Next Testing: 2025-10-29 14:23:00  
Product Name: **N-Boc-L-proline methyl ester**  
CAS Number: 59936-29-7  
Specifications & Purity: 96%  
Lot #: J2325595  
SKU #: **N136417**  
**Analysis: 284952**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	99.30%
Specific Rotation [α] <sub>20</sub> /D(c=1 in MeOH)	-68--62 (°)	-63.20°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (N136417)	Colorless to Yellow Liquid	Colorless to Yellow Liquid



John Su  
QA & QC Manager