

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-17 11:04:26  
Date of Next Testing: 2025-12-16 11:04:26  
Product Name: **N-Boc-4-oxo-L-proline tert-butyl ester**  
CAS Number: 166410-05-5  
Specifications & Purity:  $\geq 97\%$   
Lot #: L2209921  
SKU #: **N138347**  
Analysis: **147408**

Parameter	Limit Values	Result
Optical purity(ee)	99-100 (%)	99.37%
Purity(HPLC)	97-100 (%)	98.46500%
Melting point	64-67 (°C)	66.58000 °C
Appearance (N138347)	Yellow to Off-White Powder	Yellow to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager