

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-19 11:03:48  
Date of Next Testing: 2029-12-18 11:03:48  
Product Name: **(S)-(+)-3-Amino-1-Boc-piperidine**  
CAS Number: 625471-18-3  
Specifications & Purity:  $\geq 95\%$   
Lot #: B2221187  
SKU #: **S115466**  
Version: **1**  
Analysis #: **619565**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	26-30 ( $^{\circ}$ )	29.99 $^{\circ}$
Refractive index $n_{20/D}$	1.469-1.473	1.47
Density (20 $^{\circ}$ C)	1.018-1.022	1.02
Purity(HPLC)	95-100 (%)	99.77200%
Appearance (S115466)	yellow liquid	yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager