

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-16 15:13:41  
Date of Next Testing: 2029-09-15 15:13:41  
Product Name: (s)-(-)-N-Boc-3-aminopyrrolidine  
CAS Number: 147081-44-5  
Specifications & Purity: ≥98%  
Lot #: L2106302  
SKU #: B115465  
Version: 0  
Analysis #: 572814  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	-5--2 (°)	-3.21°
Optical purity(ee)	98-100 (%)	98.98%
Refractive index n <sub>20</sub> /D	1.469-1.473	1.47
Purity(GC)	98-100 (%)	98.79%
Specific gravity	1.032-1.036	1.03
Appearance (B115465)	Colorless to yellow to brown Liquid	colorless to yellow to brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager