

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 16:17:49
 Date of Next Testing: 2029-11-14 16:17:49
 Product Name: (s)-(-)-N-Boc-3-aminopyrrolidine
 CAS Number: 147081-44-5
 Specifications & Purity: ≥98%
 Lot #: K2506141
 SKU #: B115465
 Version: 0
 Analysis #: 610104
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-5--2 (°)	-3.21 °
Optical purity(ee)	98-100 (%)	98.98 %
Refractive index n _{20/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