

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-20 15:37:05

Date of Next Testing: 2027-03-19 15:37:05

Product Name: (s)-(-)-N-Boc-3-aminopyrrolidine

CAS Number: 147081-44-5

Specifications & Purity: ≥98%

Lot #: C2310796

SKU #: B115465

Version: 0

Analysis #: 047449

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-5--2 (°)	-3.21700 °
Optical purity(ee)	98-100 (%)	99.00000 %
Refractive index n _{20/D}	1.469-1.473	1.47254
Purity(GC)	98-100 (%)	98.79000 %
Specific gravity	1.032-1.036	1.03400
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (B115465)	Colorless to yellow to brown Liquid	colorless to yellow to brown liquid



John Su
QA & QC Manager