

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-18 13:52:03

Date of Next Testing: 2027-02-17 13:52:03

Product Name: **(R)-3-(Boc-amino)piperidine**

CAS Number: 309956-78-3

Specifications & Purity: $\geq 98\%$

Lot #: B2311855

SKU #: **B121538**

Version: **1**

Analysis #: **159596**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.99000 %
Melting point	121-125 (°C)	124.36000 °C
Purity(GC)	98-100 (%)	98.11600 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	13-16 (°)	15.21200 °
Appearance (B121538)	White to Yellow to Brown Powder and/or Chunks	White to Yellow to Brown Powder and/or Chunks
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager