

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-30 15:53:57

Date of Next Testing: 2028-01-29 15:53:57

Product Name: (R)-(-)-3-Amino-1-Boc-piperidine

CAS Number: 188111-79-7

Specifications & Purity: $\geq 98\%$

Lot #: A2419619

SKU #: R115467

Version: 0

Analysis #: 298714

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.14000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	-30.5--26.5 (°)	-30.37500 °
Appearance (R115467)	colorless to pale yellow liquid	colorless to pale yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager