

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-13 18:43:46

Date of Next Testing: 2029-05-12 18:43:46

Product Name: **(R)-1-Boc-2-ethyl-piperazine**

CAS Number: 393781-70-9

Specifications & Purity: $\geq 97\%$

Lot #: E2607581

SKU #: **R184259**

Version: **2**

Analysis #: **638240**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.00100 %
Enantiomeric Excess	98-100 (%)	99.20000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(R184259)	Colorless to light yellow Liquid	Colorless to light yellow liquid
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager