

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-13 18:18:11
 Date of Next Testing: 2029-05-12 18:18:11
 Product Name: **(R)-1-Boc-2-ethyl-piperazine**
 CAS Number: 393781-70-9
 Specifications & Purity: $\geq 97\%$
 Lot #: E2607582
 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