

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-16 16:37:00

Date of Next Testing: 2026-10-15 16:37:00

Product Name: (R)-1-N-Boc-piperazine-2-carboxylic acid methyl ester

CAS Number: 252990-05-9

Specifications & Purity: ≥97%

Lot #: J2312333

SKU #: T588423

Version: 1

Analysis #: 269606

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

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.11000 %
Purity(GC)	97-100 (%)	97.01200 %
Appearance(T588423)	Colorless to light yellow liquid	Colorless to light yellow liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager