

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-08-08 16:05:31
Date of Next Testing:	2028-08-07 16:05:31
Product Name:	(R)-N-1-Boc-N-4-Cbz-2-piperazine carboxylic acid
CAS Number:	138775-02-7
Specifications & Purity:	≥97%
Lot #:	G2531244
SKU #	B635595
Version	1
Analysis #:	482522
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.80700 %
Enantiomeric Excess	98-100 (%)	99.70000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager