

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 14:15:05
 Date of Next Testing: 2028-11-10 14:15:05
 Product Name: **1,4-Di-Boc-piperazine-2-carboxylic acid**
 CAS Number: 181955-79-3
 Specifications & Purity: $\geq 97\%$
 Lot #: B23031251
 SKU #: **D168064**
 Version: **1**
 Analysis #: **599260**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.94000 %
Appearance(D168064)	White to Yellow and Faint Beige to Beige and Faint Brown to Brown Powder or Crystals	White to Yellow and Faint Beige to Beige and Faint Brown to Brown Powder or Crystals
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager