

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 15:33:39
 Date of Next Testing: 2025-05-26 15:33:39
 Product Name: (1S,4R)-(-)-4-(Boc-amino)-2-cyclopentene-1-carboxylic acid
 CAS Number: 151907-79-8
 Specifications & Purity: ≥98%
 Lot #: E2327224
 SKU #: B121051
 Version: 1
 Analysis #: 219850
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.06200 %
Carbon by Elemental Analysis	56.4-58.6 (%)	57.96700 %
Nitrogen by Elemental Analysis	5.5-6.7 (%)	6.22000 %
Enantiomeric Excess	99-100 (%)	99.50000 %
Oxygen by Elemental Analysis	27.1-28.7 (%)	27.69000 %
Appearance (B121051)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager