

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-12 13:53:29
 Date of Next Testing: 2027-08-12 13:53:29
 Product Name: (1S,2S)-trans-N-Boc-1,2-cyclohexanediamine
 CAS Number: 180683-64-1
 Specifications & Purity: ≥96%
 Lot #: J2127264
 SKU #: I168040
 Version: 1
 Analysis #: 398051
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	97.90000 %
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	22.5-27.8	24.40000 °
Appearance(I168040)	White to Light Beige Powder or Crystals	White to Light Beige Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager