

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 18:40:02

Date of Next Testing: 2030-03-19 18:40:02

Product Name: (S)-(-)-1-Boc-2-pyrrolidinecarbonitrile

CAS Number: 228244-04-0

Specifications & Purity: ≥97%

Lot #: C2612136

SKU #: B119264

Version: 1

Analysis #: 680048

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in CHCl ₃)	-106--104 (°)	-105.90000 °
Melting point	33-36 (°C)	33.70000 °C
Purity(GC)	97-100 (%)	97.53000 %
Appearance (B119264)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager