

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2022-03-03 09:13:07
Date of Next Testing:	2026-03-02 09:13:07
Product Name:	<b>(S)-(-)-1-Boc-2-pyrrolidinecarbonitrile</b>
CAS Number:	228244-04-0
Specifications & Purity:	97%
Lot #:	B2222232
SKU #	<b>B119264</b>
<b>Analysis:</b>	<b>062060</b>
Storage Temperature:	Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	33-36 (°C)	33.74000 °C
Purity(GC)	97-100 (%)	97.54%
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	-106--104 (°)	-105.98 °
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