

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-27 16:53:15

Date of Next Testing: 2026-12-26 16:53:15

Product Name: **(S)-1-Boc-3-cyanopyrrolidine**

CAS Number: 132945-78-9

Specifications & Purity: $\geq 96\%$

Lot #: B2307765

SKU #: **B121672**

Version: **0**

Analysis #: **162711**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.61600 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	20-24 (°)	23.98000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager