

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-21 09:22:01

Date of Next Testing: 2025-03-20 09:22:01

Product Name: (S)-(+)-Pyrrolidine-3-carboxylic acid

CAS Number: 72580-53-1

Specifications & Purity: $\geq 98\%$

Lot #: C2309686

SKU #: S137345

Version: 2

Analysis #: 168382

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.72300 %
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	18-22 (°)	21.51100 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager