

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-26 17:00:53

Date of Next Testing: 2025-01-25 17:00:53

Product Name: **(S)-1-Boc-4-oxopiperidine-2-carboxylic acid**

CAS Number: 198646-60-5

Specifications & Purity: $\geq 95\%$

Lot #: A2220509

SKU #: **I135786**

Version: **0**

Analysis #: **061199**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.84300 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	-24--13 (°)	-23.89000 °
Melting point	121-126 (°C)	125.86000 °C
Appearance (I135786)	White to Yellow to Beige to Brown Powder, Crystals	White to Yellow to Beige to Brown Powder, Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager