

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-21 16:32:19

Date of Next Testing: 2026-10-20 16:32:19

Product Name: **(R)-1-Boc-3-hydroxypiperidine**

CAS Number: 143900-43-0

Specifications & Purity: $\geq 97\%$

Lot #: J2219119

SKU # **B121547**

Version **0**

Analysis #: **113972**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in MeOH})$	-25--19 (°)	-20.82700 °
Nitrogen by Elemental Analysis	6.5-7.4 (%)	6.93500 %
Purity	97-100 (%)	97.72300 %
Carbon by Elemental Analysis	56-63.3 (%)	60.29000 %
Appearance (B121547)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager