

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-09 11:08:17

Date of Next Testing: 2027-02-08 11:08:17

Product Name: **Boc-Val-OH**

CAS Number: 13734-41-3

Specifications & Purity: $\geq 99\%$

Lot #: B2302950

SKU #: **B105468**Version: **0**Analysis #: **172977**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in AcOH})}$	-6.7--6.2 (°)	-6.32000 °
Melting point	78-81 (°C)	80.79000 °C
Purity(Neutralization titration)	99-101 (%)	99.12000 %
Appearance (B105468)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Solubility in MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager