

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-12 22:56:46

Date of Next Testing: 2027-03-11 22:56:46

Product Name: **Boc-D-Valinol**

CAS Number: 106391-87-1

Specifications & Purity: $\geq 98\%$

Lot #: C2307320

SKU #: **B117155**

Version: **0**

Analysis #: **188508**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.00000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ CHCL}_3)$	21-23 (°)	22.16000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B117155)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager