

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-26 16:25:04

Date of Next Testing: 2028-01-25 16:25:04

Product Name: **N-Boc-L-Valinol**

CAS Number: 79069-14-0

Specifications & Purity:  $\geq 98\%$

Lot #: A2416135

SKU #: **B111483**

Version: **0**

Analysis #: **298291**

Storage Temperature: Room temperature, Argon charged

| Parameter                                          | Limit Values                                             | Result                                                   |
|----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Purity(GC)                                         | 98-100 (%)                                               | 98.37000 %                                               |
| Specific Rotation $[\alpha]_{20/D(c=1)}$ in CHCL3) | -24--18 (°)                                              | -22.97000 °                                              |
| Appearance (B111483)                               | White to Colorless to Yellow Powder to Crystal or Liquid | White to Colorless to Yellow Powder to Crystal or Liquid |
| Proton NMR spectrum                                | Conforms to Structure                                    | Conforms to Structure                                    |
| Infrared spectrum                                  | Conforms to Structure                                    | Conforms to Structure                                    |



John Su  
QA & QC Manager