

## Certificate of Analysis

Date of Testing: 2024-09-03 13:51:26

Date of Next Testing: 2028-09-02 13:51:26

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

CAS Number: 79069-14-0

Specifications & Purity: 98%

Lot #: L1227033

SKU #: **B111483**

Version: **0**

Analysis #: **406220**

Storage Temperature: Argon charged

| Parameter                                                         | Limit Values                                             | Result                                                   |
|-------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Purity(GC)                                                        | 98-100 (%)                                               | 99.60 %                                                  |
| Specific Rotation [a] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> ) | -24--18 (°)                                              | -22.60 °                                                 |
| Appearance (B111483)                                              | White to Colorless to Yellow Powder to Crystal or Liquid | White to Colorless to Yellow Powder to Crystal or Liquid |
| Infrared spectrum                                                 | Conforms to Structure                                    | Conforms to Structure                                    |
| Proton NMR spectrum                                               | Conforms to Structure                                    | Conforms to Structure                                    |



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