

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-12 14:15:38

Date of Next Testing: 2028-09-11 14:15:38

Product Name: **N $\alpha$ -Z-N $\epsilon$ -Boc-D-lysine**

CAS Number: 66845-42-9

Specifications & Purity:  $\geq 98\%$

Lot #: I2402222

SKU #: **Z100430**

Version: **0**

Analysis #: **397474**

Storage Temperature: Room temperature

| Parameter                                             | Limit Values                              | Result                                    |
|-------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Purity(HPLC)                                          | 98-100 (%)                                | 99.76200 %                                |
| Specific Rotation [a] <sub>20</sub> /D(c=1.98 in DMF) | 7.1-10.1 (°)                              | 8.68100 °                                 |
| Appearance (Z100430)                                  | White solid or colorless to yellow liquid | White solid or colorless to yellow liquid |
| Proton NMR spectrum                                   | Conforms to Structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager