

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-25 10:22:48

Date of Next Testing: 2026-01-24 10:22:48

Product Name: **Boc-Glu-OBzl**

CAS Number: 30924-93-7

Specifications & Purity:  $\geq 98\%$ 

Lot #: A2220147

SKU #: **B122370**

Version: **1**

Analysis #: **061742**

Storage Temperature: Store at 2-8°C

| Parameter                                                  | Limit Values              | Result                    |
|------------------------------------------------------------|---------------------------|---------------------------|
| Nitrogen by Elemental Analysis                             | 3.8-4.5 (%)               | 4.10000 %                 |
| Purity(Neutralization titration)                           | 97.5-102.5 (%)            | 100.01000 %               |
| Melting point                                              | 95-99 (°C)                | 97.74000 °C               |
| Carbon by Elemental Analysis                               | 59-62 (°C)                | 61.00000 °C               |
| Specific Rotation $[\alpha]_{20/D(c=0.7 \text{ in MeOH})}$ | -31--28 (°)               | -28.43800 °               |
| Appearance (B122370)                                       | White to Off-White Powder | White to Off-White Powder |
| Solubility in MeOH , Very faint turbidity                  | pass                      | Pass                      |
| Proton NMR spectrum                                        | Conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager