

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-04-05 19:19:50

Date of Next Testing: 2026-04-04 19:19:50

Product Name: **N-(tert-Butoxycarbonyl)-L-tyrosine Benzyl Ester**

CAS Number: 19391-35-6

Specifications & Purity:  $\geq 95\%$

Lot #: C2331103

SKU #: **B182443**

Version: **1**

Analysis #: **169672**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values                         | Result                               |
|----------------------------------------------------------|--------------------------------------|--------------------------------------|
| Purity(HPLC)                                             | 95-100 (%)                           | 98.04200 %                           |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -12.0~-8.0 (°)                       | -9.35400 °                           |
| Appearance(B182443)                                      | White to off-white powder to crystal | White to Off-White Powder to crystal |
| Proton NMR spectrum                                      | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager