

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-16 11:02:16  
 Date of Next Testing: 2028-10-15 11:02:16  
 Product Name: **N-(tert-Butoxycarbonyl)-L-tyrosine Benzyl Ester**  
 CAS Number: 19391-35-6  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: A2307361  
 SKU #: **B182443**  
 Version: **1**  
 Analysis #: **588565**  
 Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values                         | Result                               |
|----------------------------------------------------------|--------------------------------------|--------------------------------------|
| Purity(HPLC)                                             | 95-100 (%)                           | 95.89000 %                           |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$ | -12--8 (°)                           | -10.49 °                             |
| Proton NMR spectrum                                      | Conforms to Structure                | Conforms to Structure                |
| Appearance(B182443)                                      | White to off-white powder to crystal | White to Off-White Powder to crystal |



John Su  
QA & QC Manager