

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-03-23 09:59:21

Date of Next Testing: 2027-03-22 09:59:21

Product Name: **N-(p-Toluenesulfonyl)-L-phenylalanine**

CAS Number: 13505-32-3

Specifications & Purity:  $\geq 98\%$

Lot #: C2315357

SKU #: **N159867**

Version: **1**

Analysis #: **178184**

Storage Temperature: Room temperature

| Parameter                                                                | Limit Values                            | Result                                  |
|--------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)                                                        | 98-100 (%)                              | 98.33900 %                              |
| Specific rotation $[\alpha]_{20/D}(C=4.5, \text{Acetone})$ -3.0~-2.5 (°) |                                         | -2.67100 °                              |
| Appearance(N159867)                                                      | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| NMR Spectrum 1H                                                          | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager