

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-23 09:36:59
 Date of Next Testing: 2027-03-22 09:36:59
 Product Name: **N-(p-Toluenesulfonyl)-L-phenylalanine**
 CAS Number: 13505-32-3
 Specifications & Purity: $\geq 98\%$
 Lot #: C2315420
 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