

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 09:10:40
 Date of Next Testing: 2029-11-12 09:10:40
 Product Name: **N-p-Tosyl-L-phenylalanine chloromethyl ketone(TPCK)**
 CAS Number: 402-71-1
 Specifications & Purity: Moligand™, ≥97%
 Lot #: K2510497
 SKU #: **T123226**
 Version: **1**
 Analysis #: **600499**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.6-4.1 (%)	3.86300 %
Carbon by Elemental Analysis	56.6-59.5 (%)	57.95200 %
Purity(HPLC)	97-100 (%)	99.42000 %
Specific Rotation [α] _{20/D} (c=1 in EtOH)	-91--87 (°)	-87.25000 °
Appearance (T123226)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Test for inhibitor of chymotrypsin	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager