

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 13:42:03
 Date of Next Testing: 2028-10-12 13:42:03
 Product Name: **N α -Tosyl-L-lysine chloromethyl ketone hydrochloride (TLCK)**
 CAS Number: 4272-74-6
 Specifications & Purity: Moligand™, ≥95%
 Lot #: J2511443
 SKU #: **I170311**
 Version: **2**
 Analysis #: **582780**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰ (c = 2% in H ₂ O)	-8.3~-7.3 (°)	-7.80000 °
Carbon by Elemental Analysis	43.2- 46.4 (%)	45.07 %
Nitrogen by Elemental Analysis	7.2- 7.7 (%)	7.40 %
Purity(HPLC area)	99-100 (%)	100.00 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager