

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-21 11:59:58
 Date of Next Testing: 2028-02-21 11:59:58
 Product Name: **N α -Tosyl-L-lysine chloromethyl ketone hydrochloride (TLCK)**
 CAS Number: 4272-74-6
 Specifications & Purity: Moligand™, $\geq 95\%$
 Lot #: B2520502
 SKU #: **I170311**
 Version: **2**
 Analysis #: **473095**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.10000 %
Specific Rotation $[\alpha]_{20/D}(c = 2\% \text{ in } H_2O)$	-8.3~-7.3 (°)	-7.40000 °
Carbon by Elemental Analysis	44.6-46.4 (%)	44.75000 %
Nitrogen by Elemental Analysis	7.3-7.9 (%)	7.40000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager