

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-26 09:44:45

Date of Next Testing: 2027-03-26 09:44:45

Product Name: **N α -Tosyl-L-lysine chloromethyl ketone hydrochloride (TLCK)**

CAS Number: 4272-74-6

Specifications & Purity: Moligand™, $\geq 95\%$

Lot #: C2419301

SKU #: **I170311**

Version: **2**

Analysis #: **318759**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	98.90000 %
Specific Rotation $[\alpha]_{20/D}(c = 2\% \text{ in } H_2O)$	-8.3~-7.3 (°)	-8.00000 °
Carbon by Elemental Analysis	44.6-46.4 (%)	44.71000 %
Nitrogen by Elemental Analysis	7.3-7.9 (%)	7.49000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager