

Certificate of Analysis

Date of Testing: 2024-03-26 09:47:42

Date of Next Testing: 2027-03-26 09:47:42

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

CAS Number: 4272-74-6

Specifications & Purity: 95%

Lot #: C2419299

SKU #: **I170311**

Analysis: **318759**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	98.90 %
Specific Rotation [a] _D 20/D(c = 2% in H ₂ O)	-8.3~-7.3 (°)	-8.00000 °
Carbon by Elemental Analysis	44.6-46.4 (%)	44.71 %
Nitrogen by Elemental Analysis	7.3-7.9 (%)	7.49 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager