

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-01 15:42:24  
Date of Next Testing: 2025-05-31 15:42:24  
Product Name: **4-Nitro-alpha-toluenesulfonyl chloride**  
CAS Number: 4025-75-6  
Specifications & Purity: 97%  
Lot #: G1514071  
SKU #: **N137595**  
Analysis: **221220**

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.50300 %
Appearance (N137595)	White to yellow powder to crystals	white to yellow powder to crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager