

Certificate of Analysis

Date of Testing: 2025-05-23 16:46:13

Date of Next Testing: 2027-05-13 16:46:13

Product Name: **2,5-Dimethylbenzenesulfonyl chloride**

CAS Number: 19040-62-1

Specifications & Purity: $\geq 98\%$

Lot #: K2111067

SKU #: **D122522**

Version: **0**

Analysis #: **511824**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Crystallization point	19-22 (°C)	19.12 °C
Purity (Argentmetric Titration)	97.5-102.5 (%)	102.45 %
Appearance (D122522)	Colorless to pale yellow liquid or solid	Colorless to pale yellow liquid or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene	almost transparency	almost transparency



John Su
QA & QC Manager