

Certificate of Analysis

Date of Testing: 2025-05-19 14:07:01

Date of Next Testing: 2028-05-18 14:07:01

Product Name: **5-Chloro-2-thiophenesulfonyl chloride**

CAS Number: 2766-74-7

Specifications & Purity: $\geq 96\%$

Lot #: G2226301

SKU #: **C110274**

Version: **2**

Analysis #: **511561**

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

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	96-100 (%)	96.56 %
Purity(GC)	96-100 (%)	98.37 %
Density (20°C)	1.621-1.625	1.62
Refractive index n ₂₀ /D	1.585-1.589	1.59
Appearance (C110274)	Light yellow to yellow-red to brown liquid or solid	Light yellow to yellow-red to brown liquid or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager