

Certificate of Analysis

Date of Testing: 2025-06-12 17:26:47

Date of Next Testing: 2027-06-12 17:26:47

Product Name: **3-Chlorobenzo[b]thiophene-2-carbonyl Chloride**

CAS Number: 21815-91-8

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: K2105151

SKU #: **C133276**

Version: **0**

Analysis #: **511592**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	113-117 (°C)	113.95000 °C
Purity(O2 AgNO3 titration with after combustion)	96.5-103.5 (%)	96.65 %
Purity(GC)	97-100 (%)	97.05 %
Appearance (C133276)	Yellow to Brown Powder, Crystals and/or Chunks	Yellow to Brown Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager