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-CERTIFICATE OF ANALYSIS-

Product: 5-Chlorothiophene-2-carbonyl chloride

Code Number: OR200094

CAS Number: 42518-98-9

Formula: C₅H₂Cl₂OS

Batch Number: AS484506

Appearance: Clear, faint yellow liquid

Purity by GC: 99.0% by area

Purity by HPLC: 98.9% by area

Identity: NMR conforms to structure

Verified by: David Parton

Signed: --Digital document, no signature required--