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## **-CERTIFICATE OF ANALYSIS-**

Product: 3-Bromo-2-chlorothiophene-5-sulphonyl chloride

Code Number: OR29142

CAS Number: 166964-35-8

Formula:  $C_4HBrCl_2O_2S_2$

Batch Number: AS442802

Appearance: Light beige/faint grey crystals

Melting Point: 64.5-67.4 degrees C

Purity by HPLC: 98.8% by area

Identity: NMR conforms

Verified by: David Parton

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