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## **-CERTIFICATE OF ANALYSIS-**

Product: 5-Chloro-1-methyl-1H-pyrazole-4-carbonyl chloride

Code Number: OR8058

CAS Number: 110763-09-2

Formula: C<sub>5</sub>H<sub>4</sub>ClN<sub>2</sub>O

Batch Number: AS447993

Appearance: Orange low melting solid

Melting Point: 52.0 - 53.3 degrees C

Purity by GC: 97.8% by area

Identity: NMR and IR conform to structure

Verified by: David Parton

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