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## **-CERTIFICATE OF ANALYSIS-**

Product: 5-Chloro-1-methyl-1H-pyrazole-4-carboxylic acid

Code Number: OR8059

CAS Number: 54367-66-7

Formula: C<sub>5</sub>H<sub>5</sub>CIN<sub>2</sub>O<sub>2</sub>

Batch Number: AS457863

Appearance: Off white powder

Melting Point: 192.1 - 195.5 degrees C

Purity by HPLC: 95.0% by area (230nm)

Purity min 95% Assay

Titration: 101.1%w/w as product  
(0.1M NaOH)

Identity: IR conforms

Verified by: David Parton

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