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## **-CERTIFICATE OF ANALYSIS-**

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

Code Number: OR451455

CAS Number: 84547-83-1

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

Batch Number: AS487696

Appearance: White to off white crystalline solid

Melting Point: 221.0 - 221.8 degrees C

Purity by HPLC: 99.1% by area

Titration: 99.5%w/w as product (0.1M NaOH)

Verified by: David Parton

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