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-CERTIFICATE OF ANALYSIS-

Product: 1,5-Dimethyl-1H-pyrazole-3-carbonyl chloride

Code Number: OR23189

CAS Number: 49783-84-8

Formula: C₆H₇CIN₂O

Batch Number: AS443146

Appearance: White crystalline needles

Melting Point: 71.6-73.3 degrees C

Purity by GC: 98.1%

Purity by HPLC: 98.7%

Identity: NMR conforms to structure

Verified by: David Parton

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