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## -CERTIFICATE OF ANALYSIS-

| Product:        | 3-Chloro-1H-pyrazole            |
|-----------------|---------------------------------|
| Code Number:    | OR183405                        |
| CAS Number:     | 14339-33-4                      |
| Formula:        | C3H3CIN2                        |
| Batch Number:   | AS501342                        |
| Appearance:     | White powder                    |
| Melting Point:  | 44.2-45.5 degrees C             |
| Purity by GC:   | 99.9% by area                   |
| Purity by HPLC: | 99.4% by area                   |
| Identity:       | NMR and MS conform to structure |

Verified by: David Parton

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