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-CERTIFICATE OF ANALYSIS-

Product: 4-Cyanobenzenesulphonyl chloride

Code Number: OR30164

CAS Number: 49584-26-1

Formula: $C_7H_4ClNO_2S$

Batch Number: AS512084

Appearance: White to off-white solid

Water content: 0.22% (KF)

Purity >98.0% (NMR)

Identity: 1H -NMR conforms to structure

Verified by: David Parton

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