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## **-CERTIFICATE OF ANALYSIS-**

Product: 3-Cyanobenzenesulphonyl chloride

Code Number: OR30232

CAS Number: 56542-67-7

Formula: C<sub>7</sub>H<sub>4</sub>ClNO<sub>2</sub>S

Batch Number: AS511582

Appearance: Light orange crystalline solid

Melting Point: 49.3-51.2 degrees C

Purity by HPLC: 95.9% by area (190nm)

Purity >95.0% (NMR)

Identity: <sup>1</sup>H-NMR and IR conform

Verified by: David Parton

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