

Apollo Scientific Ltd  
Whitefield Road, Bredbury,  
Stockport, SK6 2QR, UK.  
Tel:44(0)161 406 0505 Fax:44(0)161 406 0506  
e-mail: QCDept@apolloscientific.co.uk



## **-CERTIFICATE OF ANALYSIS-**

Product: 4-Chlorobutanoyl chloride 98%

Code Number: OR5355

CAS Number: 4635-59-0

Formula:  $C_4H_6Cl_2O$

Batch Number: AS410609

Appearance: Clear, almost colourless to faint beige liquid

Purity by GC: 98.8% by area

Verified by: David Parton

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