

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: Ethyl malonyl chloride

Code Number: OR5235

CAS Number: 36239-09-5

Formula: $C_5H_7ClO_3$

Batch Number: AS505617

Appearance: Clear, faint yellow liquid

Water content: 0.0% (KF)

Purity by GC: 98.2% by area

Refractive Index: 1.4310 at 18.7degC

Identity: NMR conforms to structure

Verified by: David Parton

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