

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 4-bromoacetoacetate, tech grade

Code Number: OR4299

CAS Number: 13176-46-0

Formula:  $C_6H_9BrO_3$

Batch Number: AS483748

Appearance: Purple liquid

Titration: 99.60% (KOH)

Identity:  $^1H$ -NMR conforms to  
structure

Verified by: David Parton

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