

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: 3-Thio-D-valine

Code Number: OR18365

CAS Number: 52-67-5

Formula: C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S

Batch Number: AS508212

Appearance: White solid

Purity 98% by NMR

Optical Rotation: -58.075 (C= 1N NaOH)

Identity: <sup>1</sup>H-NMR conforms to structure

Verified by: David Parton

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