

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: 1-[4-Chloro-2-(methylsulphonyl)phenyl]piperazine  
Code Number: OR7716  
CAS Number: 849035-68-3  
Formula: C11 H15 Cl N2 O2 S  
Batch Number: AS446860  
Appearance: White solid  
Melting Point: 142-145 degrees C  
Water content: 0.4% (KF)  
Purity by HPLC: 99.02%  
Identity: <sup>13</sup>C-NMR conforms to structure

Verified by: David Parton

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