

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-Boc-4-(3-hydroxypropyl)piperazine

Code Number: OR921732

CAS Number: 132710-90-8

Formula: C<sub>12</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>

Batch Number: AS495880

Appearance: Colourless/ off-white crystalline solid

Melting Point: 73.2-75.9 degrees C

Purity by GC: 99.7% by area

Verified by: David Parton

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