

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: 5-Chloronicotinic acid

Code Number: OR4770

CAS Number: 22620-27-5

Formula: C<sub>6</sub>H<sub>4</sub>ClNO<sub>2</sub>

Batch Number: AS481449

Appearance: White to off white solid

Melting Point: 170.1-172.9 degrees C

Water content: No water detected by KF

Purity by HPLC: 96.6% by area (190nm)

Titration: 97.0% ex acid

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

Verified by: David Parton

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