

Apollo Scientific Ltd
Whitefield Road, Bredbury,
Stockport, SK6 2QR, UK.
Tel:44(0)161 406 0505 Fax:44(0)161 406
0506



-CERTIFICATE OF ANALYSIS-

Product: 4-Chloro-L-phenylalanine

Code Number: OR14691

CAS Number: 14173-39-8

Formula: $C_9H_{10}ClNO_2$

Batch Number: AS507804

Appearance: White to off-white solid

Water content: 0.31% (KF)

Purity: >98.0% (NMR)

Optical Rotation: -18.1 deg (C=1.00 g/100ml
MeOH)

Identity: 1H -NMR conforms to
structure

Verified by: David Parton

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