

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: tert-Butyl l-valinate

Code Number: OR923559

CAS Number: 13211-31-9

Formula: C₉H₁₉NO₂

Batch Number: AS514567

Appearance: Colourless liquid

Purity 97% (NMR)

Optical Rotation: +26.1 deg (c=1, EtOAc)

Identity: NMR conforms to structure

Verified by: David Parton

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