

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-(Di-tert-butylphosphino)-1', 3', 5'-triphenyl-1'H-[1,4']bipyrazole

Code Number: OR46775

CAS Number: 894086-00-1

Formula: C<sub>32</sub>H<sub>35</sub>N<sub>4</sub>P

Batch Number: AS505927

Appearance: Pale yellow solid

Purity 98% (NMR)

Identity: NMR conforms to structure

Verified by: David Parton

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