

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: (R)-3,3'-Bis(3,5-di-tert-butylphenyl)-1,1'-binaphthyl-2,2'-diyl hydrogenphosphate

Code Number: OR340022

CAS Number: 861909-39-9

Formula: C₄₈ H₅₃ O₄ P

Batch Number: AS462429

Appearance: Off-White solid

Purity by HPLC: >99%

Purity 98.9% by chiral HPLC

Identity: ¹H and ¹³C NMR conforms to structure

Verified by: David Parton

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