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## **-CERTIFICATE OF ANALYSIS-**

Product: 1,5-Bis(diphenylphosphino)pentane

Code Number: OR315706

CAS Number: 27721-02-4

Formula: C<sub>29</sub>H<sub>30</sub>P<sub>2</sub>

Batch Number: AS516377

Appearance: White solid

Melting Point: 42.8 - 44.9 degrees C

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

Verified by: David Parton

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