## Certificate of analysis

Product No.: H26226

Product: (+/-)-2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl, 98%

Lot No.: U28E051

Appearance Off-white crystals

Assay (<sup>31</sup>P NMR) 100 %

Melting point 286.5- 288.0 °C

<sup>1</sup>H NMR Conforms to structure

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