## Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive 825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 31467

**Lot Number** 002164-5122-181204

Product 1,1'-Bis(diphenylphosphino)ferrocene-

palladium(II) dichloride, Pd ≥ 14.5%

[1,1'-Bis(diphenylphosphino)ferrocene]dichloropalladium(II), Pd  $\geq$ 

14.5%

C = 57.06%

**CAS Number** 72287-26-4

**Molecular Formula** (C<sub>17</sub>H<sub>14</sub>P)<sub>2</sub>Fe • PdCl<sub>2</sub>

**Appearance** Red crystalline solid

**Elemental Analysis** 

(Found)

Infrared Spectrum Conforms to structure

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

<sup>31</sup>P NMR Conforms to structure

Assay Palladium content: 14.5%

**Purity** > 98% (based on carbon content)

**Storage** Store at 0-8 °C

**Country of Origin** USA

**Remarks** See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Bala Kumar

**Quality Control Manager**