

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 41101   |
| <b>Lot Number</b>        | 002934-3901210808   |
| <b>Product</b>           | <b>Diphenyl-2-pyridylphosphine</b><br>2-(Diphenylphosphino)pyridine |
| <b>CAS Number</b>        | 37943-90-1  |
| <b>Molecular Formula</b> | C <sub>17</sub> H <sub>14</sub> NP                                  |
| <b>Molecular Weight</b>  | 263.28  |

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|---------------------------|--|
| <b>Appearance</b>         | Off-white crystal  |
| <b>Solubility</b>         | Almost soluble in toluene  |
| <b>Melting Point</b>      | 84.3 °C  |
| <b>Solvent</b>            | < 0.5%   |
| <b><sup>1</sup>H NMR</b>  | Conforms to structure  |
| <b><sup>31</sup>P NMR</b> | Conforms to structure  |
| <b>Purity</b>             | > 99% (NMR)  |
| <b>Storage</b>            | Store at RT  |
| <b>Remarks</b>            | See material safety data sheet for additional information<br>For laboratory use only |

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



**Bala Kumar**  
Quality Control Manager