

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 36545   |
| <b>Lot Number</b>        | 003041-20200510   |
| <b>Product</b>           | <b>(Tributylphosphoranylidene)acetonitrile</b><br>(Cyanomethylene)tributylphosphorane |
| <b>CAS Number</b>        | 157141-27-0   |
| <b>Molecular Formula</b> | C <sub>14</sub> H <sub>28</sub> NP  |
| <b>Molecular Weight</b>  | 241.35  |

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|                           |                       |
|---------------------------|-----------------------|
| <b>Appearance</b>         | White solid           |
| <b>Solvent</b>            | < 0.50%               |
| <b><sup>1</sup>H NMR</b>  | Conforms to structure |
| <b><sup>31</sup>P NMR</b> | Conforms to structure |
| <b>Purity by GC</b>       | 98.4%                 |
| <b>Storage</b>            | Store at 2 - 8 °C     |

|                |  |
|----------------|--|
| <b>Remarks</b> | See material safety data sheet for additional information<br>For laboratory use only |
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**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**