

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 18122   |
| <b>Lot Number</b>        | 18122-081808-E  |
| <b>Product</b>           | <b>3-tert-Butyl-1-(4-fluorophenyl)-1H-pyrazol-5-amine</b><br>5-tert-Butyl-2-(4-fluorophenyl)-2H-pyrazol-3-ylamine |
| <b>CAS Number</b>        | 778611-16-8   |
| <b>Molecular Formula</b> | C <sub>13</sub> H <sub>16</sub> FN <sub>3</sub>   |
| <b>Molecular Weight</b>  | 233.29  |

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|---------------------------------|--|
| <b>Appearance</b>               | Brown crystalline powder   |
| <b>Analysis by Mass Spectra</b> | Conforms to standard   |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure  |
| <b>Purity by HPLC</b>           | 100%   |
| <b>Storage</b>                  | Store at 0-8 °C  |
| <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**