

# Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	31206
<b>Lot Number</b>	001331-20170701
<b>Product</b>	<b>O-(Benzotriazol-1-yl)- N,N,N',N'-</b> HBP <u>y</u> U
<b>CAS Number</b>	105379-24-6
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>20</sub> N <sub>5</sub> O·PF <sub>6</sub>
<b>Molecular Weight</b>	431.32

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<b>Appearance</b>	White crystal
<b>Melting Point</b>	176.6 °C
<b>Loss on Drying</b>	0.18%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.6%
<b>Storage</b>	Store at 2-8 °C

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**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