

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00604
<b>Lot Number</b>	001331-20161001
<b>Product</b>	<b>Benzotriazol-1-yl-oxy-tris(dimethylamino) phosphonium hexafluorophosphate</b> BOP  Castro's Reagent
<b>CAS Number</b>	56602-33-6
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>22</sub> F <sub>6</sub> N <sub>6</sub> OP <sub>2</sub>
<b>Molecular Weight</b>	442.5

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in DMF. Soluble in Acetone (1g in 10 mL) Essentially free of particulate matter.
<b>Melting Point</b>	137.5-139.0 °C
<b>Loss on Drying</b>	0.17%
<b>Purity by HPLC</b>	99.9%
<b>Storage</b>	Store at ≤ -20 °C
<b>Remarks</b>	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