

# Chem-Impex International, Inc.

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## Certificate of Analysis


<b>Catalogue Number</b>	12881
<b>Lot Number</b>	0001331-20181003
<b>Product</b>	<b>O-(7-Azabenzotriazol-1-yl)-N,N,N',N'- tetramethyluronium hexafluorophosphate</b> HATU
<b>CAS Number</b>	148893-10-1
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>15</sub> F <sub>6</sub> N <sub>6</sub> OP
<b>Molecular Weight</b>	380.23

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear & transparent (in ACN)
<b>Melting Point</b>	188.5 °C
<b>Loss on Drying</b>	0.12%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.9%
<b>Storage</b>	Store at 0-8 °C

**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