

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	04884
<b>Product</b>	<b>O-[(Ethoxycarbonyl)cyanomethyleneamino]- N,N,N',N'-tetramethyluronium tetrafluoro- borate</b>
<b>Lot Number</b>	001331-20181201 TOTU
<b>CAS Number</b>	136849-72-4
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>17</sub> BF <sub>4</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight</b>	328.08

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and transparent solution (10% in Acetonitrile)
<b>Melting Point</b>	144.5 - 147.2 °C
<b>Water Content (Karl Fisher)</b>	0.10%
<b>Loss on Drying</b>	0.12%
<b>Purity by HPLC</b>	99.6%
<b>Storage</b>	Store at 0-8 °C

**Additional Information**      Solution test : Clear and transparent (10% in DMF)

**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**