

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	02056
<b>Lot Number</b>	000911-16110524
<b>Product</b>	<b>O-(Benzotriazol-1-yl)-N,N,N',N'- tetramethyluronium tetrafluoroborate</b> TBTU
<b>CAS Number</b>	125700-67-6
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>16</sub> N <sub>5</sub> O•BF <sub>4</sub>
<b>Molecular Weight</b>	321.1

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<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Clear solution (0.1 mmol in 2mL DMF)
<b>Melting Point</b>	213.8-214.2 °C
<b>Loss on Drying</b>	0.1%
<b>Purity by HPLC</b>	99.9%
<b>Storage</b>	Store at 0-8 °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