

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	00970
<b>Product Name</b>	N-TFA C <sub>6</sub> AminoModifier
<b>Lot Number</b>	41513
<b>Description</b>	A modified phosphoramidite reagent that incorporates an aliphatic primary amine at the 5' terminus of an oligonucleotide via solid phase synthesis
<b>Purity (By TLC analysis)</b>	>98% (Silica gel GF-Analtech, 0.25mm) 60% hexane/30% ethyl acetate/10% triethylamine, R <sub>f</sub> =0.56
<b>Coupling Efficiency</b>	>95% (This was determined by coupling N-TFA-C <sub>6</sub> -AminoModifier to a 17mer and comparing mobility to the same unmodified 17mer (control) on a 20% polyacrylamide denaturing electrophoresis gel. Single band purity was observed
<b>Shelf Life</b>	6 months
<b>Shipping Conditions</b>	Room temperature
<b>Storage Conditions</b>	-20°C, desiccate
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Sashi Kumar**  
**Quality Control Manager**