

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12184
<b>Lot Number</b>	000424-151119-16106
<b>Product</b>	<b>Trityl-glycine ethyl ester</b>  Trt-Gly-OEt  <i>N</i> -(Triphenylmethyl)glycine ethyl ester
<b>CAS Number</b>	18514-46-0
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>23</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	345.41

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	115.8-116.7 °C
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.22% (50 °C, 2h)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.91%
<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