

# *Chem-Impex International, Inc.*

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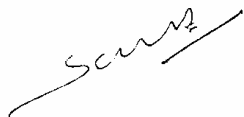
Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalog Number</b>	10116
<b>Product Name</b>	<b>Trt-Phe-OH•DEA</b> Trityl-L-phenylalanine diethylammonium salt
<b>Lot Number</b>	1019097
<b>CAS Registry Number</b>	3226-92-4
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>25</sub> NO <sub>2</sub> ·C <sub>4</sub> H <sub>11</sub> N
<b>Molecular Weight</b>	480.65
<b>Appearance</b>	White powder
<b>Appearance of solution</b>	Clear, colorless solution
<b>Identification (TLC)</b>	Complies with authentic material
<b>Melting point</b>	148 °C
<b>Purity (HPLC)</b>	> 98% (decomposes)
<b>Purity (TLC)</b>	Decomposes on TLC plate CHCl <sub>3</sub> /MeOH/Benzene/H <sub>2</sub> O; 8/8/8/1 CHCl <sub>3</sub> /MeOH/AcOH; 90/8/2 Benzene/Dioxane/AcOH; 95/25/4 Plate: silica gel 60 F <sub>254</sub> Detected by: UV, Ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	98.5% (Nth 5.83%, Nfd 5.74%)
<b>Water content (KF volumetric)</b>	0.9%
<b>Storage</b>	Store at -0°C.
<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

