

# 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>	04154
<b>Lot Number</b>	1175
<b>Product</b>	<b>Trityl-L- homoserine diethylammonium salt</b>

Trt-L-HomoSer-OH•DEA

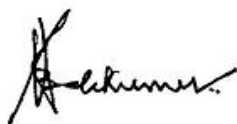
Trityl-L-2-amino-4-hydroxybutyric acid diethylammonium salt

<b>CAS Number</b>	83427-83-2
<b>Molecular Formula</b>	$C_{23}H_{23}NO_3 \cdot C_4H_{11}N$
<b>Molecular Weight</b>	434.5

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<b>Appearance</b>	Off-white crystals
<b>Solubility</b>	Clear Solution (0.5 mmol in 1ml DMF)
<b>Melting Point</b>	127-129 °C
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -30^\circ$ (C=5 in $CHCl_3$ )
<b>Assay</b>	96%
<b>Purity by HPLC</b>	98.5%
<b>Purity by TLC</b>	98.5%
<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**