## **Chem-Impex International, Inc.**

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

## Certificate of Analysis

Catalogue	Number	15937
Lot Numb	er	000424-211027-20564
Product		(R)-γ-(4-Trifluoromethylbenzyl)-L-proline•HCl
CAS Num	ber	1049743-68-1
Molecular	Formula	$C_{13}H_{14}F_{3}NO_{2}\bullet HCl$
Molecular	Weight	309.72
Appearanc	e	White powder
Optical Ro	tation	$[a]^{20}_{D} = -7.6 \circ (C=1 \text{ in } 1\text{ N HCl})$
Ĩ		

Optical Rotation	$[a]^{20}D$ = -7.6 ° (C=1 in 1N HCl)
Analysis by Mass Spectra	Conforms to standard
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	99.4%
Storage	Store at 0 - 8 °C
Remarks	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

likumer.

Bala Kumar Quality Control Manager