

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	15390
<b>Product Name</b>	<b>H-β-HoPhe(4-CN)-OH•HCl</b> 4-Cyano-L-β-homophenylalanine hydrochloride  (S)-3-Amino-4-(4-cyanophenyl)butyric acid hydrochloride
<b>Lot Number</b>	506739
<b>CAS Registry Number</b>	270065-88-8
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> ·HCl
<b>Molecular Weight</b>	240.69
<b>Appearance</b>	White powder
<b>Melting point</b>	214 – 216 °C
<b>Optical Rotation</b>	$\alpha_D^{20} = -30.5^\circ$ (c=1, DMF)
<b>Analysis by TLC</b>	Visualized with: UV/Iodine
<b>BuOH/AcOH/H<sub>2</sub>O (4/1/2)</b>	Single spot
<b>CHCl<sub>3</sub>/CH<sub>3</sub>OH/C<sub>6</sub>H<sub>6</sub>/H<sub>2</sub>O (8/8/8/1)</b>	Single spot
<b>Purity by HPLC</b>	98%
<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



**Bala Kumar**  
Quality Control Manager

