

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15320
<b>Lot Number</b>	001562-140601
<b>Product</b>	<b>4-Cyano-D-β-homophenylalanine hydrochloride</b> 4-Cyano-D-β-homophenylalanine hydrochloride <i>(R)</i> -3-Amino-4-(4-cyanophenyl)butyric acid hydrochloride
<b>CAS Number</b>	269726-85-4
<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

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<b>Appearance</b>	White powder
<b>Water Content (Karl Fisher)</b>	0.4%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +25.2° (C=1 in DMF)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	98.3%
<b>Chiral Purity</b>	99%
<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