

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	04092
<b>Product</b>	<b>2-Chloro-L-phenylalanine</b> L-Phe(2-Cl)-OH <i>o</i> -Chloro-L-phenylalanine
<b>CAS Number</b>	103616-89-3
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>10</sub> ClNO <sub>2</sub>
<b>Molecular Weight</b>	199.6

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<b>Appearance</b>	White to off-white crystalline powder
<b>Melting Point</b>	227 - 235 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -9.0 to -10.5 ° (C=1 in H <sub>2</sub> O)
<b>Loss on Drying</b>	≤ 0.7%
<b>Chiral HPLC</b>	≥ 99% (ee)
<b>D-Enantiomer</b>	≤ 1.0%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**