

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	04110
<b>Product</b>	<b>4-Cyano-L-phenylalanine</b> L-Phe(4-CN)-OH <i>p</i> -Cyano-L-phenylalanine
<b>CAS Number</b>	104531-20-6 , 167479-78-9
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	190.2
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<b>Appearance</b>	White to off-white solid
<b>Anion</b>	Chloride : ≤ 0.65% (As triethylamine hydrochloride)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	Largest single apparent impurity : ≤ 1.0% Total impurity content : ≤ 1.2%
<b>Chiral HPLC</b>	≥ 99% (ee)
<b>D-Enantiomer</b>	≤ 1.0%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**