

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	00431
<b>Product</b>	<b>4-Nitro-L-phenylalanine</b> L-Phe(4-NO <sub>2</sub> )-OH <i>p</i> -Nitro-L-phenylalanine
<b>CAS Number</b>	949-99-5
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	210.16
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<b>Appearance</b>	White to yellowish powder
<b>Melting Point</b>	240-250 °C
<b>Water Content (Karl Fisher)</b>	≤ 8.8%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = + 6.0 ± 1.5° (C=1 in 5N HCl)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**