

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03087
<b>Product</b>	<b>L-Leucine amide hydrochloride</b>
	L-Leu-NH <sub>2</sub> •HCl
<b>CAS Number</b>	10466-61-2
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O•HCl
<b>Molecular Weight</b>	166.7

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 3 mL MeOH)
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +10 ± 2° (C=3 in H <sub>2</sub> O)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1% (80 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**