

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	06199
<b>Product</b>	<b>L-Proline ethylamide hydrochloride</b>
	L-Pro-NHEt•HCl
<b>CAS Number</b>	58107-62-3
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> O•HCl
<b>Molecular Weight</b>	178.71

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50 mg/ml in methanol)
<b>Melting Point</b>	120-124 °C
<b>Elemental Analysis (Theory)</b>	C = 47.1 ± 0.5%, N = 15.7 ± 0.5%, H = 8.5 ± 0.5%
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = - 53 ± 2 ° (C=1% in H <sub>2</sub> O)
<b>Related Substances</b>	≤ 0.5% H-Pro-OH
<b>Assay</b>	Elemental analysis: ≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C
<b>Additional Information</b>	Product is strongly hygroscopic (liquefies in air)

**For Laboratory Use Only**