

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	40998
<b>Product</b>	<b>5-Chloro-1,10-phenanthroline</b>
<b>CAS Number</b>	4199-89-7
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>7</sub> ClN <sub>2</sub>
<b>Molecular Weight</b>	214.65

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<b>Warnings</b>	<i>Hygroscopic! Store under inert gas!</i>
<b>Appearance</b>	White to light yellow crystal
<b>Solubility</b>	Soluble in acetone, alcohol and benzene
<b>Melting Point</b>	123 - 126 °C (Lit.)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**