

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	31852
<b>Product</b>	<b>5-Methyl-1,10-phenanthroline</b>
<b>CAS Number</b>	3002-78-6
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>10</sub> N <sub>2</sub> •xH <sub>2</sub> O
<b>Molecular Weight</b>	194.24

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<b>Warnings</b>	<i>Hygroscopic! Store under inert gas!</i>
<b>Appearance</b>	White, light red or green crystalline powder
<b>Solubility</b>	Almost soluble in methanol
<b>Melting Point</b>	111 - 114 °C
<b>Assay by titration</b>	≥ 98%
<b>Purity by GC</b>	≥ 99%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**