

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	31842
<b>Product</b>	<b>2-Methyl-1,10-phenanthroline</b>
<b>CAS Number</b>	3002-77-5
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>10</sub> N <sub>2</sub>
<b>Molecular Weight</b>	194.24

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<b>Appearance</b>	Light orange, yellow or green crystalline powder
<b>Melting Point</b>	80 °C (Lit.)
<b>Boiling point</b>	175 °C / 0.2 mmHg (Lit.)
<b>Assay by titration</b>	≥ 97%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	$\lambda_{\max} = 267$ (H <sub>2</sub> O (pH10)) nm

**For Laboratory Use Only**