

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38531
<b>Product</b>	<b>Copper(II) phthalocyanine (<math>\beta</math>-form)</b> Phthalocyanine copper(II) ( $\beta$ -form)
<b>CAS Number</b>	147-14-8
<b>Molecular Formula</b>	C <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub>
<b>Molecular Weight</b>	576.08
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<b>Appearance</b>	Dark red to dark purple to dark blue powder to crystal
<b>Solubility</b>	Soluble in sulphuric acid
<b>Melting Point</b>	480 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 93%
<b>Grade</b>	CI 74160
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Molar extinction coefficient = ≥ 220,000 (H <sub>2</sub> SO <sub>4</sub> , $\lambda_{\max}$ = 789 - 791 nm)

**For Laboratory Use Only**