

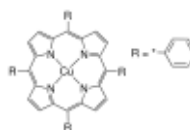
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## Product Specification

Product Name:  
5,10,15,20-Tetraphenyl-21H,23H-porphine copper(II)

**Product Number:** 252182  
**CAS Number:** 14172-91-9  
**MDL:** MFCD00148862  
**Formula:** C<sub>44</sub>H<sub>28</sub>CuN<sub>4</sub>  
**Formula Weight:** 676.27 g/mol



TEST	Specification
Appearance (Color)	Faint Purple to Dark Purple
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Wavelength	414 - 420 nm
Extinction Coefficient	≥ 390000
c = 0.001g/l, Toluene	
Carbon	75.8 - 80.5 %
Nitrogen	7.5 - 8.5 %

Specification: PRD.1.ZQ5.10000048110

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.