

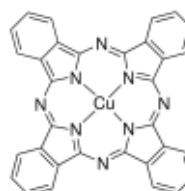
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Product Specification

Product Name:
Copper(II) phthalocyanine – sublimed grade, Dye content 99 %

Product Number: 546674
CAS Number: 147-14-8
MDL: MFCD00010719
Formula: C₃₂H₁₆CuN₈
Formula Weight: 576.07 g/mol



TEST	Specification
Appearance (Color)	Purple to Very Dark Purple
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Melting point by DSC	
Extinction Coefficient	≥ 11000
Carbon	65.7 - 68.4 %
Titration by AgNO ₃	≤ 1.000 %
With AgNO ₃ After Oxygen Combustion	
Water (by Karl Fischer)	≤ 0.50 %
Thermogravimetric Analysis	
0.5% Weight Loss	
ICP Major Analysis	Confirmed
Confirms Copper Component	

Specification: PRD.0.ZQ5.10000094141

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. 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.