

Certificate of Analysis

Date of Testing: 2024-07-16 14:04:08
Date of Next Testing: 2028-07-15 14:04:08
Product Name: **Copper(II) phthalocyanine**
CAS Number: 147-14-8
Specifications & Purity: sublimed grade, 99 %
Lot #: I2007244
SKU #: **C123342**
Version: **0**
Analysis #: **388540**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	19.2-19.9 (%)	19.70 %
Purity	99-100 (%)	99.01 %
Carbon by Elemental Analysis	65.7-68.4 (%)	66.70 %
Wavelength(c=0.005g/L;Chloronaphthalene)	675-681 (nm)	676.00 nm
Water by Karl Fischer	0-0.5 (%)	0.49 %
Extinction Coefficient	≥11000	11000.00
Appearance (C123342)	Purple Needles and/or Powder	Purple Needles and/or Powder
ICP: Confirms Cu Components	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager