

## Certificate of Analysis

Date of Testing: 2025-01-18 13:41:22

Date of Next Testing: 2028-01-18 13:41:22

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

CAS Number: 14172-91-9

Specifications & Purity:  $\geq 97\%$

Lot #: A2516039

SKU #: **T302845**

Version: **2**

Analysis #: **178186**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Extinction	$\geq 390000$	398999.30000
Coefficient(414 - 420 nm, C=0.001g/L In Toluene)		
Purity(HPLC)	97-100 (%)	98.85100 %
Appearance(T302845)	Green to Dark green to Dark blue to Faint Purple to Dark Purple to Purplish red to light brown powder to crystal	Green to Dark green to Dark blue to Faint Purple to Dark Purple to Purplish red to light brown powder to crystal
ICP: Confirms Copper Component	Confirmed	Confirms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



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