

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-18 13:26:06

Date of Next Testing: 2030-04-17 13:26:06

Product Name: **Copper(II) phthalocyanine**

CAS Number: 147-14-8

Specifications & Purity: sublimed grade, ≥99%

Lot #: D2617291

SKU #: **C123342**

Version: **0**

Analysis #: **672360**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	19.2-19.9 (%)	19.58000 %
Purity	99-100 (%)	99.23500 %
Carbon by Elemental Analysis	65.7-68.4 (%)	66.81000 %
Wavelength(c=0.005g/L;Chloronaphthalene)	675-681 (nm)	678.00000 nm
Water by Karl Fischer	0-0.5 (%)	0.34000 %
Extinction Coefficient	≥11000	11007.00000
Appearance (C123342)	Purple solid	purple solid
ICP: Confirms Cu Components	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager