

## Certificate of Analysis

Date of Testing: 2023-02-22 12:14:48  
Date of Next Testing: 2026-02-21 12:14:48  
Product Name: **Nickel(II) phthalocyanine**  
CAS Number: 14055-02-8  
Specifications & Purity: Dye content 85 %  
Lot #: B2311781  
SKU #: **N302825**  
**Analysis: 160996**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	55.8-78.7 (%)	65.55 %
Nitrogen by Elemental Analysis	16.3-23 (%)	19.51 %
Wavelength(C=0.005 G/L Chloronaphthalene)	666-674 (nm)	667.00000 nm
Extinction Coefficient	≥100000	213731.48
Appearance(N302825)	Dark Blue to Purple Powder or Crystals	Dark Blue to Purple Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager