

## Certificate of Analysis

Date of Testing: 2024-07-17 10:15:51  
Date of Next Testing: 2027-07-17 10:15:51  
Product Name: **Dilithium phthalocyanine**  
CAS Number: 25510-41-2  
Specifications & Purity: Dye content 70 %  
Lot #: G2408076  
SKU #: **D432462**  
Version: **2**  
Analysis #: **324195**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	48.9-74.4 (%)	72.18 %
Nitrogen by Elemental Analysis	14.3-21.7 (%)	20.46 %
Wavelength(c=0.01g/l, Acetone)	655-661 (nm)	658.00000 nm
Extinction Coefficient(655 - 661nm)	≥144000	144001.00000
Appearance(D432462)	Dark Blue to Purple to Black Powder	Dark Blue to Purple to Black Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager