

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-08 16:51:55

Date of Next Testing: 2026-03-07 16:51:55

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

CAS Number: 132-16-1

Specifications & Purity: Dye content ~90 %

Lot #: B2328939

SKU #: **I431893**

**Analysis:** **133946**

Storage Temperature: Argon charged

| Parameter                      | Limit Values                         | Result                               |
|--------------------------------|--------------------------------------|--------------------------------------|
| Nitrogen by Elemental Analysis | ≥17.2 (%)                            | 18.86 %                              |
| Carbon by Elemental Analysis   | ≥59.5 (%)                            | 65.02 %                              |
| Appearance(I431893)            | Dark Green or Purple or Black Powder | Dark Green or Purple or Black Powder |
| Infrared spectrum              | Conforms to Structure                | Conforms to Structure                |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager