

## Certificate of Analysis

Date of Testing: 2023-05-13 16:24:05  
Date of Next Testing: 2027-05-12 16:24:05  
Product Name: **Phthalocyanine Chloroaluminum**  
CAS Number: 14154-42-8  
Specifications & Purity: >98.0%  
Lot #: E2308416  
SKU #: **P160595**  
**Analysis: 180682**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	18.6-19.5 (%)	19.33%
Carbon by Elemental Analysis	65-66.9 (%)	65.99%
Appearance (P160595)	Blue to Dark Violet Powder or Crystals	Blue to Dark Violet Powder or Crystals
ICP:Confirms Aluminum Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager