

Certificate of Analysis

Date of Testing: 2024-12-12 11:40:15

Date of Next Testing: 2027-12-12 11:40:15

Product Name: **Magnesium(II) Phthalocyanine**

CAS Number: 1661-03-6

Specifications & Purity: $\geq 95\%$

Lot #: B2207560

SKU #: **M305116**

Version: **1**

Analysis #: **448134**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	65.6-71.5(%)	68.61 %
Nitrogen by Elemental Analysis	19.4-20.8(%)	19.87 %
Lambda max(DMF)	665-671(nm)	670.00 nm
Purity(as Mg)	95-102.5 (%)	95.06 %
Appearance(M305116Color)	Dark red to Dark purple to Dark blue	Dark red to Dark purple to Dark blue
ICP:Confirms Mg Component	Confirmed	Confirmed
Appearance (M305116Form)	Powder or Crystals	Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager