

Certificate of Analysis

Date of Testing: 2023-03-10 16:57:32

Date of Next Testing: 2026-03-09 16:57:32

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

CAS Number: 1661-03-6

Specifications & Purity: $\geq 95\%$

Lot #: B2328867

SKU #: **M305116**

Analysis: **170234**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	65.6-71.5(%)	69.66 %
Nitrogen by Elemental Analysis	19.4-20.8(%)	20.27 %
Lambda max(DMF)	665-671(nm)	669.00 nm
Purity(as Mg)	95-100 (%)	95.23 %
Appearance(M305116Color)	Dark red to Dark purple to Dark blue	Dark red to Dark purple to Dark blue
ICP:Confirms Mg Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (M305116Form)	Powder or Crystals	Powder or Crystals



John Su
QA & QC Manager