

Certificate of Analysis

Date of Testing: 2025-02-12 13:27:38
 Date of Next Testing: 2028-02-12 13:27:38
 Product Name: **Cobalt(II) Tetraphenylporphyrin**
 CAS Number: 14172-90-8
 Specifications & Purity: $\geq 95\%$
 Lot #: B2508081
 SKU #: **C190873**
 Version: **0**
 Analysis #: **120028**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7.9-8.8 (%)	8.65 %
Carbon by Elemental Analysis	74.5-82.5 (%)	78.81 %
Lambda max	412-418 (nm)	415.00 nm
Molar extinction coefficient	≥ 43200	43500.00
Purity(HPLC)	95-100 (%)	95.90000 %
Appearance (C190873)	Brown to Dark Purple or Dark Red Power or Crystals	Brown to Dark Purple or Dark Red Power or Crystals
ICP: Confirms Cobalt Component	Confirmed	Confirmed



John Su
QA & QC Manager