

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 14:26:39
Date of Next Testing: 2025-09-20 14:26:39
Product Name: **Cobalt(II) Tetraphenylporphyrin**
CAS Number: 14172-90-8
Specifications & Purity: 95%
Lot #: I2214556
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 Powder or Crystals	Brown to Dark Purple or Dark Red Powder or Crystals
ICP: Confirms Cobalt Component	Confirmed	Confirmed



John Su
QA & QC Manager