

## Certificate of Analysis

Date of Testing: 2023-01-31 17:05:52  
Date of Next Testing: 2027-01-30 17:05:52  
Product Name: **Zinc(II) Tetraphenylporphyrin**  
CAS Number: 14074-80-7  
Specifications & Purity: >98.0%(HPLC)  
Lot #: A2330189  
SKU #: **Z163002**  
Version: **0**  
Analysis #: **181548**

Parameter	Limit Values	Result
Zinc(Zn)	8.6-10.6 (%)	9.88 %
Molar extinction coefficient( 420.0 to 426.0 nm)	≥400000	424862.94
Purity(HPLC)	98-100 (%)	98.18200 %
Lambda max (THF)	420-426 (nm)	423.00 nm
Appearance (Z163002)	purple powder or crystals	purple powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager