

Certificate of Analysis

Date of Testing: 2025-03-26 15:13:18
Date of Next Testing: 2029-03-25 15:13:18
Product Name: **Zinc(II) Tetraphenylporphyrin**
CAS Number: 14074-80-7
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: C2518075
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