

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-31 16:46:55
Date of Next Testing: 2027-01-30 16:46:55
Product Name: **Zinc(II) Tetraphenylporphyrin**
CAS Number: 14074-80-7
Specifications & Purity: >98.0%(HPLC)
Lot #: A2330191
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