

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-10 17:30:45
Date of Next Testing: 2029-06-09 17:30:45
Product Name: **meso-Tetraphenylporphyrin (TPP)**
CAS Number: 917-23-7
Specifications & Purity: $\geq 97\%$
Lot #: F2504541
SKU #: **M115646**
Version: **0**
Analysis #: **527174**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Lambda max | 415-418 (nm) | 417.00000 nm |
| Purity(HPLC) | 97-100 (%) | 97.40000 % |
| Appearance (M115646) | Dark Green to Blue to Dark Violet to Black Powder or Crystals | Dark Green to Blue to Dark Violet to Black Powder or Crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Molar extinction coefficient(1mg/L, DMF, 415.0 - 418.0nm) | ≥ 420000 | ≥ 420000 |



John Su
QA & QC Manager