

## Certificate of Analysis

Date of Testing: 2023-06-01 15:04:04  
Date of Next Testing: 2027-05-31 15:04:04  
Product Name: **meso-Tetraphenylporphyrin**  
CAS Number: 917-23-7  
Specifications & Purity: 97%  
Lot #: E2326780  
SKU #: **M115646**  
Version: **0**  
Analysis #: **232252**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Lambda max	415-418 (nm)	417.00 nm
Purity(HPLC)	97-100 (%)	98.31400 %
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