

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-12 16:14:58  
Date of Next Testing: 2027-11-12 16:14:58  
Product Name: **5,10,15,20-Tetrakis(4-trimethylammoniophenyl)porphyrin tetra(p-toluenesulfonate)**  
CAS Number: 69458-20-4  
Specifications & Purity: Dye content 90%  
Lot #: K2407594  
SKU #: **T478381**  
Version: **1**  
**Analysis #:** **421482**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	90-100 (%)	99.76 %
Extinction Coefficient(Wavelength 410-414 nm, In Water)	≥ 320000	360166.51510
Infrared spectrum	conforms to structure	Conforms to Structure
Appearance(T478381)	Purple to Very Dark Purple Powder	Purple to Very Dark Purple Powder



John Su  
QA & QC Manager