

Certificate of Analysis

Date of Testing: 2025-03-20 15:23:03

Date of Next Testing: 2028-03-19 15:23:03

Product Name: 5,10,15,20-Tetrakis(4-trimethylammoniophenyl)porphyrinetetra(p-toluenesulfonate) (TTMAPP)

CAS Number: 69458-20-4

Specifications & Purity: $\geq 95\%$

Lot #: C2513708

SKU #: T304418

Version: 2

Analysis #: 476776

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.19100 %
Infrared spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager