

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-26 15:04:59

Date of Next Testing: 2029-03-25 15:04:59

Product Name: **TMPyP [=α,β,γ,δ-Tetrakis(1-methylpyridinium-4-yl)porphyrin p-Toluenesulfonate]**

CAS Number: 36951-72-1

Specifications & Purity: ≥97%(N)

Lot #: C2518079

SKU #: **T162409**

Version: **0**

Analysis #: **191440**

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

Parameter	Limit Values	Result
Purity(HPLC)	92-100 (%)	99.50300 %
Molar extinction coefficient((1mol/L HCl, 443.0 to 447.0 nm)	≥280000	307147.52475
Purity(total nitrogen)	97-100 (%)	97.05000 %
Appearance (T162409)	Light Purple to Dark Purple Powder	Light Purple to Dark Purple Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager