

Certificate of Analysis

Date of Testing: 2025-03-12 14:56:59

Date of Next Testing: 2029-03-11 14:56:59

Product Name: **5,10,15,20-Tetrakis(4-methoxyphenyl)porphyrin**

CAS Number: 22112-78-3

Specifications & Purity: $\geq 95\%$

Lot #: E2128557

SKU #: **T123121**

Version: **0**

Analysis #: **478939**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	7.2-8.2 (%)	7.40 %
Carbon by Elemental Analysis	73.7-83.2 (%)	78.00 %
Molar extinction coefficient(CHCl ₃ , 420.0 to 424.0 nm)	≥ 430000	430010.00
Purity(HPLC)	95-100 (%)	99.32000 %
Lambda max	420-424 (nm)	422.00 nm
Appearance (T123121)	purple powder or crystals	purple powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager