

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-20 17:24:19

Date of Next Testing: 2027-12-19 17:24:19

Product Name: **5,10,15,20-Tetra(4-pyridyl)-21H,23H-porphine**

CAS Number: 16834-13-2

Specifications & Purity: $\geq 97\%$

Lot #: C2002056

SKU #: **T115673**

Version: **0**

Analysis #: **307028**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max	437-440 (nm)	439.00000 nm
Purity(HPLC)	97-100 (%)	97.52150 %
Appearance (T115673)	Purple to Dark Purple Solid	Purple to Dark Purple Solid
Molar absorbance	≥ 150000 (3mg/L, 0.1mol/L HCl, 437.0 to 440.0nm)	≥ 150000 (3mg/L, 0.1mol/L HCl, 437.0 to 440.0nm)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager