

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-01 15:51:22
 Date of Next Testing: 2027-05-31 15:51:22
 Product Name: **5,10,15,20-Tetra(4-pyridyl)-21H,23H-porphine**
 CAS Number: 16834-13-2
 Specifications & Purity: $\geq 97\%$
 Lot #: E23261059
 SKU #: **T115673**
 Version: **0**
 Analysis #: **217825**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max	437-440 (nm)	438.00000 nm
Purity(HPLC)	97-100 (%)	97.04000 %
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