

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-12 13:48:06  
Date of Next Testing: 2025-12-11 13:48:06  
Product Name: **5,10,15,20-Tetrakis(4-carboxyphenyl)porphine tetramethyl ester**  
CAS Number: 22112-83-0  
Specifications & Purity: 97%  
Lot #: L2203275  
SKU #: **B300593**  
Analysis: **113152**

Parameter	Limit Values	Result
Assay (Total nitrogen)	97-102.5 (%)	98.34900 %
Appearance(B300593)	Green to Dark green to Dark blue powder to crystal	green to dark green to dark blue powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager