

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-27 12:20:48  
Date of Next Testing: 2027-03-27 12:20:48  
Product Name: **Zinc 1,4,8,11,15,18,22,25-octabutoxy-29H,31H-phthalocyanine**  
CAS Number: 107227-89-4  
Specifications & Purity:  
Lot #: C2422328  
SKU #: **Z486529**  
Analysis: **330919**

Parameter	Limit Values	Result
Zinc(Zn)	5.38-5.83 (%)	5.56 %
Purity(As C)	97-100 (%)	98.24 %
Appearance(Z486529)	Green to black powder	Green to black powder
ICP: Confirms Zn Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager