

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-29 11:43:27  
Date of Next Testing: 2027-11-28 11:43:27  
Product Name: **Cobalt phthalocyanine**  
CAS Number: 3317-67-7  
Specifications & Purity: 95%  
Lot #: K2323273  
SKU #: **C121597**  
**Analysis:** **294176**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	63.1-67.9 (%)	66.88 %
Nitrogen by Elemental Analysis	18.1-20.5 (%)	19.56 %
Purity( total nitrogen )	95-102.5 (%)	99.81 %
Appearance (C121597)	Light Purple to Dark Purple Powder	Light Purple to Dark Purple Powder
ICP: Confirms Cobalt Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager