

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-30 13:44:16  
 Date of Next Testing: 2030-05-29 13:44:16  
 Product Name: **XPhos Pd G4**  
 CAS Number: 1599466-81-5  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: E2621742  
 SKU #: **X299606**  
 Version: **1**  
 Analysis #: **699654**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                    | Limit Values                                                                | Result                                                                      |
|------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Carbon by Elemental Analysis | 62-69.2 (%)                                                                 | 65.38700 %                                                                  |
| Appearance (X299606)         | White to Dark Yellow to Dark Brown and Grey to Dark Grey Powder or Crystals | White to Dark Yellow to Dark Brown and Grey to Dark Grey Powder or Crystals |
| Phosphorus NMR Spectra       | Conforms to Structure                                                       | Conforms to Structure                                                       |
| Proton NMR spectrum          | Conforms to structure                                                       | Conforms to Structure                                                       |



John Su  
QA & QC Manager