

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-20 17:45:49

Date of Next Testing: 2029-03-19 17:45:49

Product Name: **XPhos Pd G4**

CAS Number: 1599466-81-5

Specifications & Purity: $\geq 95\%$

Lot #: C2514379

SKU #: **X299606**

Version: **1**

Analysis #: **172899**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	62-69.2 (%)	64.60 %
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
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager