

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-15 15:11:15

Date of Next Testing: 2025-08-14 15:11:15

Product Name: **RuPhos Pd G2**

CAS Number: 1375325-68-0

Specifications &amp; Purity:

Lot #: K2110230

SKU #: **R138190****Analysis:** **264278**

Storage Temperature: Argon charged

| Parameter                            | Limit Values                                          | Result                                                |
|--------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Carbon by Elemental Analysis         | 61.7-68.2 (%)                                         | 64.30 %                                               |
| Appearance (R138190)                 | White to Beige to pale Brown<br>Powder,Crystal,Chunks | White to Beige to pale Brown<br>Powder,Crystal,Chunks |
| ICP: Confirms Palladium<br>Component | Confirmed                                             | Confirmed                                             |
| Phosphorus NMR Spectra               | Conforms to Structure                                 | Conforms to Structure                                 |
| Proton NMR spectrum                  | Conforms to Structure                                 | Conforms to Structure                                 |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager