

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-22 11:09:42  
 Date of Next Testing: 2028-05-21 11:09:42  
 Product Name: **Bis(triphenylphosphine)palladium(II) dichloride**  
 CAS Number: 13965-03-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2414014  
 SKU #: **D196276**  
 Version: **0**  
 Analysis #: **299788**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                    | Limit Values                                                       | Result                                                             |
|------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Assay(Palladium)             | 14.9-15.3 (%)                                                      | 15.10000 %                                                         |
| Carbon by Elemental Analysis | 60.1-62.5 (%)                                                      | 61.00000 %                                                         |
| Appearance (D196276)         | Yellow to gold to yellow-green to brown crystals, powder or chunks | Yellow to gold to yellow-green to brown crystals, powder or chunks |
| ICP Major Analysis Confirmed | Confirmed to structure                                             | Confirmed to structure                                             |
| Proton NMR spectrum          | Conforms to Structure                                              | Conforms to Structure                                              |



John Su  
QA & QC Manager