

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-28 11:28:04  
 Date of Next Testing: 2028-03-17 11:28:04  
 Product Name: **Bis(triphenylphosphine)palladium dichloride**  
 CAS Number: 13965-03-2  
 Specifications & Purity: Pd 15.2%  
 Lot #: C2613481  
 SKU #: **D109544**  
 Version: **1**  
 Analysis #: **682361**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values                                | Result                                      |
|------------------------------|---------------------------------------------|---------------------------------------------|
| Carbon by Elemental Analysis | 60.1-62.5 (%)                               | 60.30000 %                                  |
| Assay(Palladium)             | 14.7-15.7 (%)                               | 14.80000 %                                  |
| Appearance (D109544Color)    | Faint Yellow to Dark Yellow to yellow-green | Faint Yellow to Dark Yellow to yellow-green |
| Appearance (D109544Form)     | Powder to crystals or chunks                | Powder to crystals or chunks                |
| ICP:Confirms Pd and P        | Confirmed                                   | Confirmed                                   |
| Components                   |                                             |                                             |
| Infrared spectrum            | Conforms to Structure                       | Conforms to Structure                       |



John Su  
QA & QC Manager