

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-09 11:01:51  
 Date of Next Testing: 2026-11-29 11:01:51  
 Product Name: **1,2-Bis(diphenylphosphino)ethane**  
 CAS Number: 1663-45-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2308336  
 SKU #: **B101114**  
 Version: **1**  
 Analysis #: **445197**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                                | Limit Values                                  | Result                                        |
|----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Melting point                                            | 137-144 (°C)                                  | 141.19800 °C                                  |
| Purity(HPLC area)                                        | 98-100 (%)                                    | 99.59800 %                                    |
| Appearance (B101114)                                     | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                      | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in CHCL <sub>3</sub> , Colorless, Clear, 2.5% | pass                                          | Pass                                          |



John Su  
QA & QC Manager