

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-24 13:52:04  
 Date of Next Testing: 2024-01-14 13:52:04  
 Product Name: **2-(Diphenylphosphino)benzoic acid**  
 CAS Number: 17261-28-8  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C2024051  
 SKU #: **D102802**  
 Version: **1**  
 Analysis #: **069604**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                       | Result                             |
|----------------------------------|------------------------------------|------------------------------------|
| Assay                            | 97-100 (%)                         | 99.00000 %                         |
| Melting point                    | 177-181 (°C)                       | 180.10000 °C                       |
| Purity(Neutralization titration) | 96.5-103.5 (%)                     | 99.00000 %                         |
| Appearance (D102802)             | White to yellow powder or crystals | White to yellow powder or crystals |
| Proton NMR spectrum              | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager