

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-23 13:38:09

Date of Next Testing: 2026-05-13 13:38:09

Product Name: **1,4-Bis(diphenylphosphino)butane**

CAS Number: 7688-25-7

Specifications & Purity:  $\geq 96\%$

Lot #: E2422058

SKU #: **B106731**

Version: **2**

Analysis #: **336440**

Storage Temperature: Room temperature, Argon charged

| Parameter            | Limit Values                                   | Result                                         |
|----------------------|------------------------------------------------|------------------------------------------------|
| Melting point        | 130-137 (°C)                                   | 134.80000 °C                                   |
| Purity(HPLC area)    | 96-100 (%)                                     | 96.10000 %                                     |
| Appearance (B106731) | White Powder or crystals or crystalline powder | White Powder or crystals or crystalline powder |
| Proton NMR spectrum  | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager