

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-25 14:23:57
 Date of Next Testing: 2025-10-14 14:23:57
 Product Name: **1,4-Bis(diphenylphosphino)butane**
 CAS Number: 7688-25-7
 Specifications & Purity: $\geq 96\%$
 Lot #: J2320093
 SKU #: **B106731**
 Version: **2**
 Analysis #: **277452**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	130-137 (°C)	136.40000 °C
Purity(HPLC area)	96-100 (%)	96.21000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B106731)	White Powder or crystals or crystalline powder	White Powder or crystals or crystalline powder



John Su
QA & QC Manager