

Certificate of Analysis

Date of Testing: 2024-10-15 15:50:56

Date of Next Testing: 2026-10-05 15:50:56

Product Name: **Bis(2-diphenylphosphinoethyl)phenylphosphine**

CAS Number: 23582-02-7

Specifications & Purity: $\geq 97\%$

Lot #: K2230652

SKU #: **T115640**

Version: **0**

Analysis #: **408233**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.74000 %
Appearance (T115640)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (2.5%, CH ₂ Cl ₂)	pass	Pass



John Su
QA & QC Manager