

Certificate of Analysis

Date of Testing:	2024-10-09 13:39:54
Date of Next Testing:	2026-09-29 13:39:54
Product Name:	Bis(2-diphenylphosphinoethyl)phenylphosphine
CAS Number:	23582-02-7
Specifications & Purity:	97%
Lot #:	J2222016
SKU #	T115640
Version	0
Analysis #:	386502
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.09300 %
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