

Certificate of Analysis

Date of Testing: 2024-10-18 10:07:30
 Date of Next Testing: 2027-10-18 10:07:30
 Product Name: 5-(Dicyclohexylphosphino)-1",3",5"-triphenyl-[1,4"]-bi-1H-pyrazole
 CAS Number: 1021176-69-1
 Specifications & Purity: ≥95%
 Lot #: L2101420
 SKU #: D281961
 Version: 1
 Analysis #: 408031
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.59000 %
Appearance (D281961)	white to pale yellow powder or bulks	white to pale yellow powder or bulks
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager