

## Certificate of Analysis

Date of Testing: 2022-02-22 14:29:17  
Date of Next Testing: 2024-02-12 14:29:17  
Product Name: **Bis(tricyclohexylphosphine)nickel dichloride**  
CAS Number: 19999-87-2  
Specifications & Purity: 97%  
Lot #: C2310804  
SKU #: **B115562**  
**Analysis:** **072610**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(As Ni)	97-100 (%)	97.94 %
Appearance (B115562)	red powder	red powder
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager