

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-10 16:14:13  
Date of Next Testing: 2024-11-29 16:14:13  
Product Name: **[1,2-Bis(diphenylphosphino)ethane]dichloronickel(II)**  
CAS Number: 14647-23-5  
Specifications & Purity: 98%  
Lot #: K2224262  
SKU #: **D101082**  
**Analysis: 154573**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Chelometric Titration)	97.5-102.5 (%)	98.82 %
Carbon by Elemental Analysis	57-61 (%)	59.27 %
Appearance (D101082)	Yellow to Brown Powder, Crystals and/or Chunks	Yellow to Brown Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager