

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-10 17:49:17  
Date of Next Testing: 2025-02-27 17:49:17  
Product Name: **[1,1'-Bis(diphenylphosphino)ferrocene]dichloronickel(II)**  
CAS Number: 67292-34-6  
Specifications & Purity: 97%  
Lot #: K1709003  
SKU #: **D101071**  
**Analysis: 197401**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentometric Titration)	96.5-103.5 (%)	97.10%
Carbon by Elemental Analysis	57.6-61.8 (%)	58.60%
Appearance (D101071)	Green to very dark green powder or crystals	Green to very dark green powder or crystals
Solubility in CHCL <sub>3</sub> , Dark Green, Turbid(c = 25mg/ml)	pass	Pass
ICP: Confirms Iron Component	Confirmed	Confirmed
ICP: Confirms Nickel Component	Confirmed	Confirmed



John Su  
QA & QC Manager