

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-15 15:24:01  
Date of Next Testing: 2026-07-05 15:24:01  
Product Name: **1,1'-Bis(dicyclohexylphosphino)ferrocene**  
CAS Number: 146960-90-9  
Specifications & Purity: 97%  
Lot #: F2428128  
SKU #: **B115628**  
Version: **1**  
Analysis #: **365098**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	68.1-73.1 (%)	68.49 %
Appearance (B115628)	Orange to Red to Brown powder to crystal	Orange to red to Brown powder to crystal
ICP: Confirms Fe Components	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager