

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 15:08:37
 Date of Next Testing: 2027-07-27 15:08:37
 Product Name: **1,1'-Bis(diphenylphosphino)ferrocene (DPPF)**
 CAS Number: 12150-46-8
 Specifications & Purity: $\geq 99\%$
 Lot #: G2530179
 SKU #: **B396443**
 Version: **2**
 Analysis #: **545704**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.80000 %
Carbon by Elemental Analysis	70.9-74.7 (%)	72.30000 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
Infrared spectrum	Conforms to structure	Conforms to Structure
ICP: Confirms Iron Component	Confirmed	Confirmed
Appearance (B396443)	Yellow to dark yellow and orange to dark orange to brown powder to crystalline solid to solid	Yellow to dark yellow and orange to dark orange to brown powder to crystalline solid to solid



John Su
QA & QC Manager