

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-05 16:40:10
 Date of Next Testing: 2025-11-24 16:40:10
 Product Name: **1,1'-Bis(diphenylphosphino)ferrocene (DPPF)**
 CAS Number: 12150-46-8
 Specifications & Purity: $\geq 97\%$
 Lot #: K2327135
 SKU #: **B101667**
 Version: **0**
 Analysis #: **291515**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	71.1-76.2 (%)	73.10300 %
Purity(HPLC)	97-100 (%)	98.57500 %
Fe(Titration by Na ₂ S ₂ O ₃)	9.7-10.4 (%)	10.39000 %
Appearance (B101667)	Yellow to Orange Powder	Yellow to Orange Powder
Solubility in CHCl ₃ , Colorless to Dark Orange, clear, c=2.5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager