

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-22 11:35:08

Date of Next Testing: 2024-07-11 11:35:08

Product Name: **1,1'-Bis(diphenylphosphino)ferrocene (DPPF)**

CAS Number: 12150-46-8

Specifications & Purity: $\geq 97\%$

Lot #: G2219123

SKU #: **B101667**

Version **0**

Analysis #: **094300**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.67300 %
Carbon by Elemental Analysis	71.1-76.2 (%)	73.89000 %
Fe(Titration by Na ₂ S ₂ O ₃)	9.7-10.4 (%)	9.88000 %
Appearance (B101667)	Yellow to Orange Powder	Yellow to Orange Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless to Dark Orange,clear,c=2.5%	pass	Pass



John Su
QA & QC Manager