

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-19 16:21:37

Date of Next Testing: 2024-11-08 16:21:37

Product Name: **1,1'-Bis(di-isopropylphosphino)ferrocene palladium dichloride**

CAS Number: 215788-65-1

Specifications & Purity: $\geq 98\%$

Lot #: F2418021

SKU #: **B121333**

Version **0**

Analysis #: **144000**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.54400 %
Purity(As C)	97.5-102.5 (%)	99.60000 %
Chloride (Cl-)	10.9-12.9 (%)	11.30000 %
Carbon by Elemental Analysis	43.6-45.8 (%)	43.62000 %
Appearance (B121333)	orange powder	orange powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager