

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-23 16:44:15

Date of Next Testing: 2024-12-12 16:44:15

Product Name: **Palladium(II)[1,3-bis(diphenylphosphino)propane]-bis(benzonitrile)-bis-tetrafluoroborate**

CAS Number: 175079-12-6

Specifications & Purity: $\geq 98\%$

Lot #: F1523086

SKU #: **P129160**

Version: 0

Analysis #: **166623**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Pd(Gravimetric Assay With Dimethylglyoxime)	11.4-12.3 (%)	11.80000 %
Carbon by Elemental Analysis	52.6-57 (%)	54.60000 %
Purity	98-100 (%)	98.10300 %
Appearance (P129160)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager