

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-25 10:14:16

Date of Next Testing: 2028-01-24 10:14:16

Product Name: **Bis(benzonitrile)palladium(II) chloride**

CAS Number: 14220-64-5

Specifications & Purity: ≥98%

Lot #: A2419037

SKU #: **B110114**

Version: **0**

Analysis #: **001588**

Storage Temperature: Room temperature, Desiccated

| Parameter                      | Limit Values                     | Result                           |
|--------------------------------|----------------------------------|----------------------------------|
| Carbon by Elemental Analysis   | 41.2-46.5 (%)                    | 43.93000 %                       |
| Nitrogen by Elemental Analysis | 6.8-7.7 (%)                      | 6.93000 %                        |
| Purity(Chelometric Titration)  | 98-100 (%)                       | 98.01000 %                       |
| Melting point                  | 128-132 (°C)                     | 128.01000 °C                     |
| Appearance (B110114)           | Yellow to Orange to Brown Powder | Yellow to Orange to Brown Powder |
| Infrared spectrum              | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager