

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-10-10 11:12:54

Date of Next Testing: 2026-10-09 11:12:54

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

CAS Number: 14220-64-5

Specifications & Purity: ≥98%

Lot #: 12227222

SKU # **B110114**

Version **0**

**Analysis #:** **142068**

Storage Temperature: Room temperature, Desiccated

| Parameter                      | Limit Values                     | Result                           |
|--------------------------------|----------------------------------|----------------------------------|
| Purity(Chelometric Titration)  | 98-100 (%)                       | 98.00000 %                       |
| Carbon by Elemental Analysis   | 41.2-46.5 (%)                    | 42.92000 %                       |
| Nitrogen by Elemental Analysis | 6.8-7.7 (%)                      | 7.15000 %                        |
| Melting point                  | 128-132 (°C)                     | 130.00000 °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