

## Certificate of Analysis

### Compound Information

|                            |   |
|----------------------------|---|
| <b>Product Name:</b>       | Tetrakis(triphenylphosphine)palladium   |
| <b>Cat. No.:</b>           | 1021232   |
| <b>CAS No.:</b>            | 14221-01-3  |
| <b>Molecular Formula:</b>  | C <sub>72</sub> H <sub>60</sub> P <sub>4</sub> Pd                                 |
| <b>Molecular Weight:</b>   | 1155.56   |
| <b>Chemical Structure:</b> |  |

### Batch Information

|                     |  |
|---------------------|--|
| <b>Batch No.:</b>   | Lg0627271698                                     |
| <b>Storage:</b>     | -20°C, protect from light, stored under nitrogen |
| <b>Test Date:</b>   | 2023-06-27                                       |
| <b>Retest Date:</b> | 2026-06-26                                       |
| <b>Origin:</b>      | Shanghai, China                                  |

### QC Summary

|                         |                             |
|-------------------------|-----------------------------|
| <b>Appearance:</b>      | Off-white to yellow (Solid) |
| <b>Assay:</b>           | 98.0%                       |
| <b>Pd:</b>              | 9.02%                       |
| <b>Ir:</b>              | ≤0.005%                     |
| <b>Pb:</b>              | ≤0.005%                     |
| <b>Ni:</b>              | ≤0.005%                     |
| <b>Cu:</b>              | ≤0.005%                     |
| <b>Fe:</b>              | ≤0.005%                     |
| <b>Cd:</b>              | ≤0.005%                     |
| <b>Cr:</b>              | ≤0.005%                     |
| <b>Ag:</b>              | ≤0.005%                     |
| <b>Au:</b>              | ≤0.005%                     |
| <b>Impurity metal:</b>  | ≤0.045%                     |
| <b>Single impurity:</b> | ≤0.005%                     |
| <b>Solvent residue:</b> | 0.6%                        |

**Conclusion:**

The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai