## **SPECIFICATION**

## $trans\hbox{-}Dichlorobis (triphenylphosphine) palladium (II)$

for Organic Synthesis

| REQUIREMENT                              | SPECIFICATION                                                         |
|------------------------------------------|-----------------------------------------------------------------------|
| Appearance                               | Yellow $\sim$ yellowish red, crystalline powder $\sim$ powder or mass |
| Solubility in N,N -dimethylformamide     | to pass test                                                          |
| Loss on drying over silica gel in vacuum | max.5.0%                                                              |
| Assay                                    | min.98.0%                                                             |
| Sodium (Na)                              | under investigation                                                   |
| Magnesium (Mg)                           | under investigation                                                   |
| Aluminium (Al)                           | under investigation                                                   |
| Potassium (K)                            | under investigation                                                   |
| Calcium (Ca)                             | under investigation                                                   |
| Manganese (Mn)                           | under investigation                                                   |
| Iron (Fe)                                | under investigation                                                   |
| Nickel (Ni)                              | under investigation                                                   |
| Cobalt (Co)                              | under investigation                                                   |
| Copper (Cu)                              | under investigation                                                   |
| Zinc (Zn)                                | under investigation                                                   |
| Ruthenium (Ru)                           | under investigation                                                   |
| Rhodium (Rh)                             | under investigation                                                   |
| Iridium (Ir)                             | under investigation                                                   |
| Barium (Ba)                              | under investigation                                                   |
| Lead (Pb)                                | under investigation                                                   |
| Platinum (Pt)                            | under investigation                                                   |

(1 / 1) established on 2012/05/09