

## SPECIFICATION

## Palladium(II) Chloride

for Organic Synthesis

| REQUIREMENT                         | SPECIFICATION              |
|-------------------------------------|----------------------------|
| Appearance                          | Brown ~ dark brown, powder |
| Solubility in dil.hydrochloric acid | to pass test               |
| Loss on drying at 105°C             | max.1.0%                   |
| Sodium (Na)                         | max.0.05%                  |
| Magnesium (Mg)                      | max.0.005%                 |
| Aluminium (Al)                      | max.0.005%                 |
| Potassium (K)                       | max.0.5%                   |
| Calcium (Ca)                        | max.0.05%                  |
| Manganese (Mn)                      | max.0.005%                 |
| Iron (Fe)                           | max.0.005%                 |
| Nickel (Ni)                         | max.0.005%                 |
| Cobalt (Co)                         | max.0.005%                 |
| Copper (Cu)                         | max.0.005%                 |
| Zinc (Zn)                           | max.0.01%                  |
| Ruthenium (Ru)                      | max.0.01%                  |
| Rhodium (Rh)                        | max.0.05%                  |
| Iridium (Ir)                        | max.0.05%                  |
| Barium (Ba)                         | max.0.005%                 |
| Lead (Pb)                           | max.0.05%                  |
| Platinum (Pt)                       | max.0.01%                  |
| Assay                               | min.98.0%                  |