30-nm Ag Nanocubes

Size Distribution: 30.7 ± 3.3 nm
Shape: cube
Composition: Ag
Surface Ligand: PVP
Surface Charge: neutral
Yield: 95%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 3 weeks
40-nm Ag Nanocubes

Size Distribution: 42.7 ± 3.3 nm
Shape: cube
Composition: Ag
Surface Ligand: PVP
Surface Charge: neutral
Yield: 95%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 3 weeks
60-nm Ag Nanocubes

Size Distribution: 59.7 ± 4.3 nm
Shape: cube
Composition: Ag
Surface Ligand: PVP
Surface Charge: neutral
Yield: 90%
Concentration: 10^{12} particles/mL
Shelf Life-time: 3 weeks
130-nm Ag Nanocubes

Size Distribution: 133 ± 15 nm
Shape: cube
Composition: Ag
Surface Ligand: PVP
Surface Charge: neutral
Yield: 90%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 6 weeks
Ag Nanowires

Size Distribution: diameter, 55±13 nm; length 3-5 µm
Shape: pentagonal wire
Composition: Ag
Surface Ligand: PVP
Surface Charge: neutral
Yield: 90%
Concentration: $10^{10}$ particles/mL
Shelf Life-time: 8 weeks
Ag Nanospheres

Size Distribution: 39.9 ± 4.7 nm
Shape: sphere
Composition: Ag
Surface Ligand: PVP
Surface Charge: neutral
Yield: 95%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 4 weeks
Au Nanocages

Size Distribution: 41.1 ± 4.1 nm
Shape: hollow cube with pores on corners
Composition: Ag-Au alloy (1:1.37 molar ratio)
Surface Ligand: PVP
Surface Charge: negative
Yield: 95%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 8 weeks
Pd Nanocubes

Size Distribution: 9.7 ± 1.3 nm
Shape: cube
Composition: Pd
Surface Ligand: PVP and bromide
Surface Charge: negative
Yield: 95%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 8 weeks
Pd Octahedrons

Size Distribution: 10.3±2.1 nm
Shape: octahedron
Composition: Pd
Surface Ligand: PVP and citrate
Surface Charge: negative
Yield: 95%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 8 weeks
Pd Nanospheres

Size Distribution: 3.9 ± 0.6 nm
Shape: sphere
Composition: Pd
Surface Ligand: PVP
Surface Charge: neutral
Yield: 99%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 8 weeks
Pt Nanospheres

Size Distribution: 3.8±0.6 nm
Shape: sphere
Composition: Pt
Surface Ligand: PVP
Surface Charge: neutral
Yield: 99%
Concentration: 10^{12} particles/mL
Shelf Life-time: 8 weeks
Ru Nanospheres

Size Distribution: 3.5 ± 0.6 nm
Shape: sphere
Composition: Ru
Surface Ligand: PVP
Surface Charge: neutral
Yield: 99%
Concentration: $10^{12}$ particles/mL
Shelf Life-time: 8 weeks