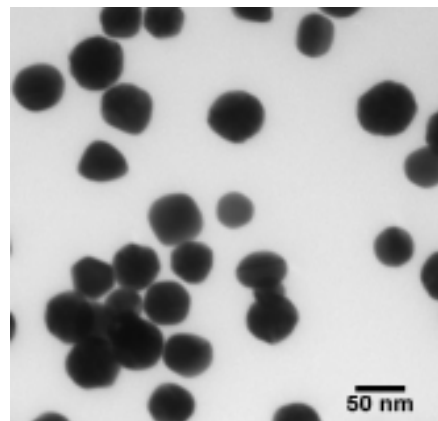
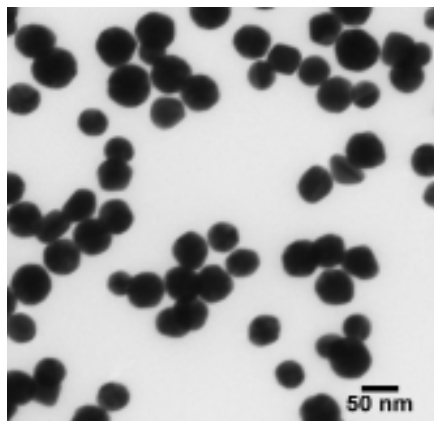
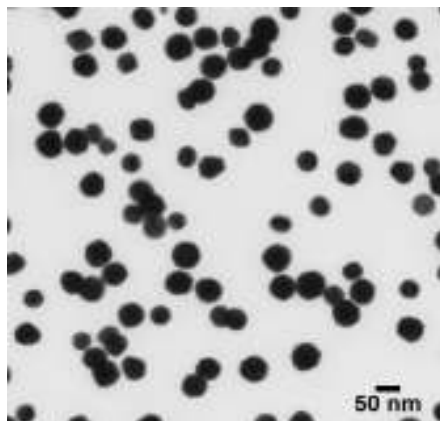


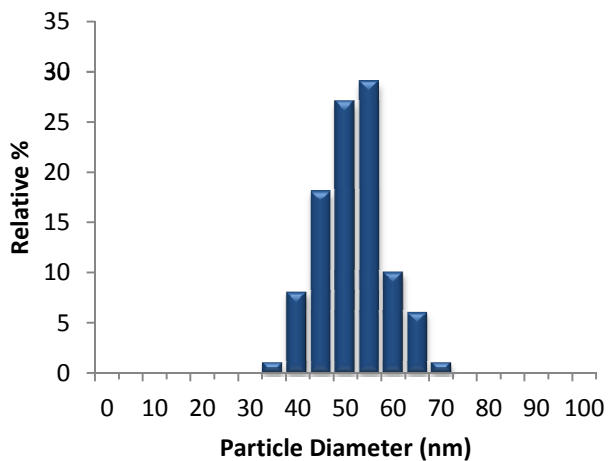
50 nm PVP Econix Gold

Lot Number: IXW0063

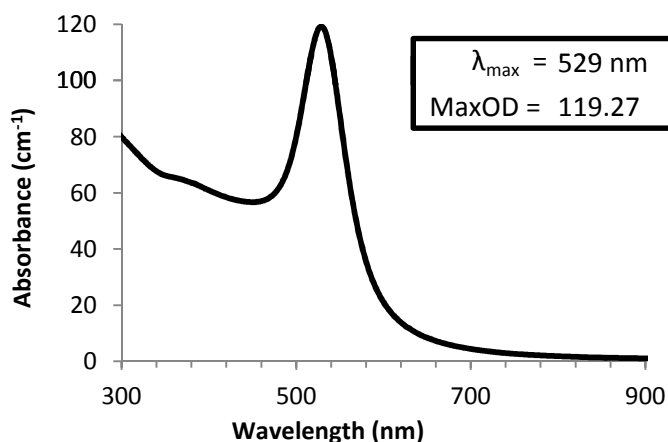
Diameter (TEM):	49.6 ± 6.7 nm	Hydrodynamic Diameter:	82.1 nm
Coefficient of Variation:	13.5 %	Zeta Potential:	-32.8 mV
Surface Area (TEM):	6.1 m ² /g	pH of Solution:	6.6
Mass Concentration (Au):	5.29 mg/mL	Particle Surface:	PVP
Particle Concentration:	4.3E+12 particles/mL	Solvent:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage and Handling: 4 °C away from light. DO NOT FREEZE.