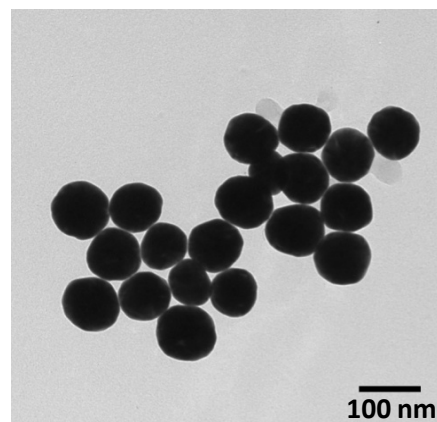
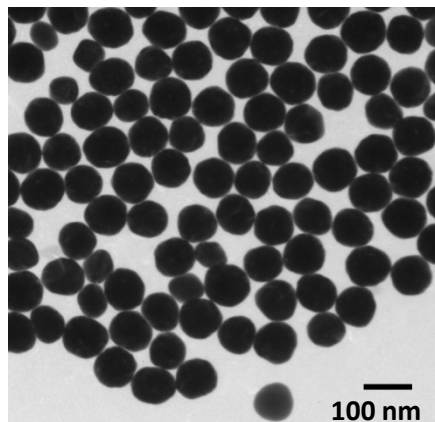
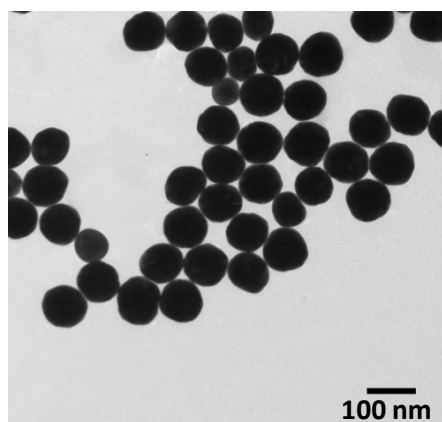


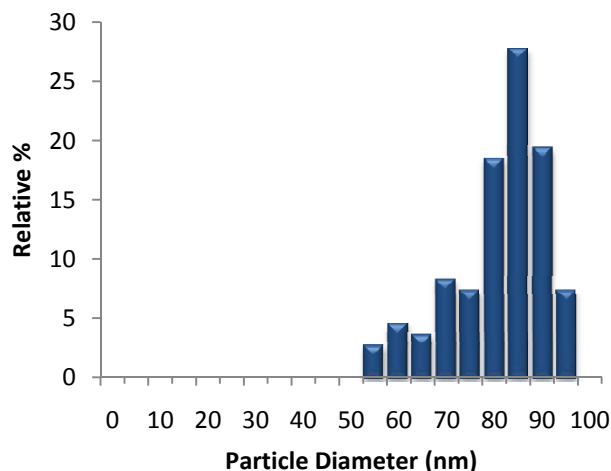
80 nm PELCO® NanoXact™ Gold

Lot Number: ARS1292

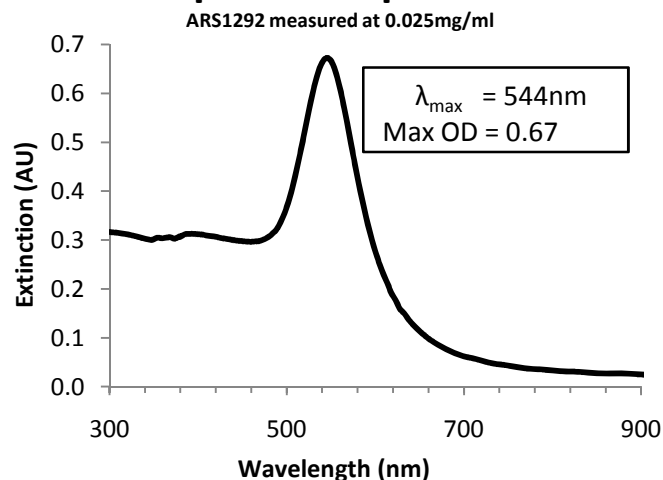
Diameter (TEM):	78.7 nm	Particle Surface	Tannic Acid
First Standard Deviation:	9.6 nm	Hydrodynamic Diameter:	81.7 nm
Coefficient of Variation:	12.2 %	Zeta Potential:	-42.7 mV
Mass Concentration	0.05 mg/mL	pH of Solution:	7.1
Particle Concentration	2.0E+11 particles/mL	Suspension Solution:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:**Mass Concentration:****Spectral Properties:****Hydrodynamic Diameter/Zeta Potential:**

JEOL 1010 Transmission Electron Microscope

Thermo Fisher X Series 2 ICP-MS

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

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