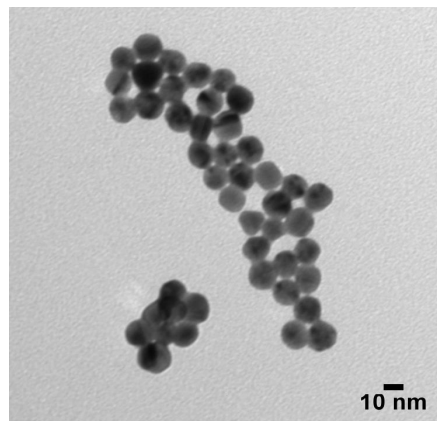
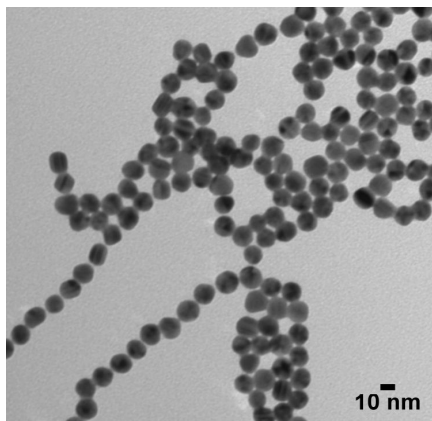
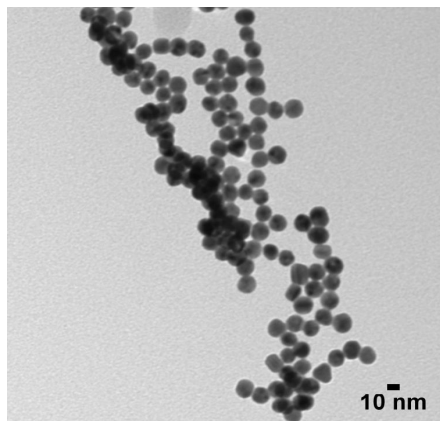


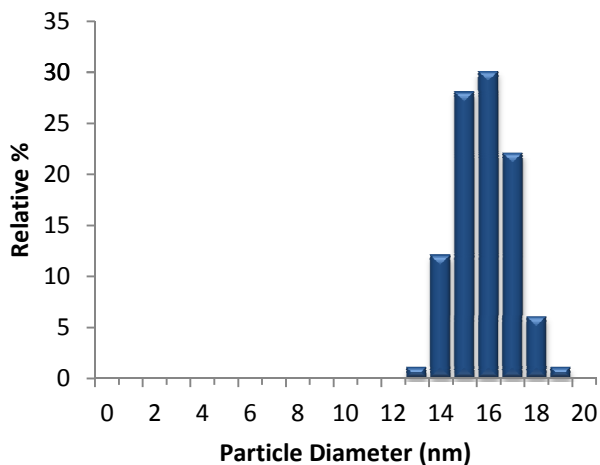
15 nm Lipoic Acid BioPure™ Gold

Lot Number: WNB0015

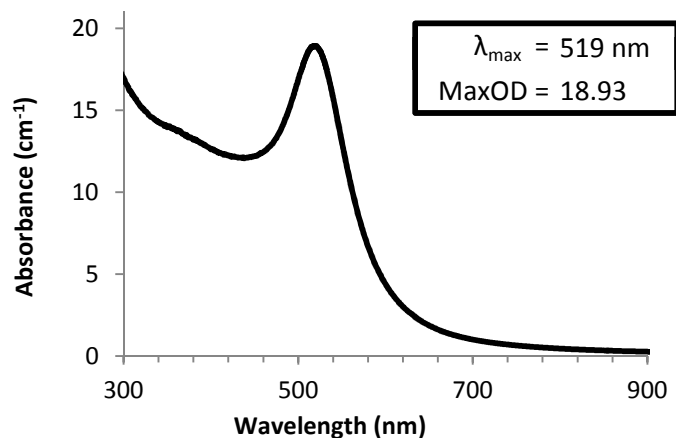
Diameter (TEM):	15.2 ± 1.2 nm	Hydrodynamic Diameter:	18.7 nm
Coefficient of Variation:	7.8 %	Zeta Potential:	-45.6 mV
Surface Area (TEM):	20.2 m ² /g	pH of Solution:	7.2
Mass Concentration (Au):	1.08 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	3.0E+13 particles/mL	Particle Surface:	Lipoic Acid
Endotoxin Concentration:	< 2.5 EU/mL	Solvent:	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: 4-25 °C. DO NOT FREEZE.