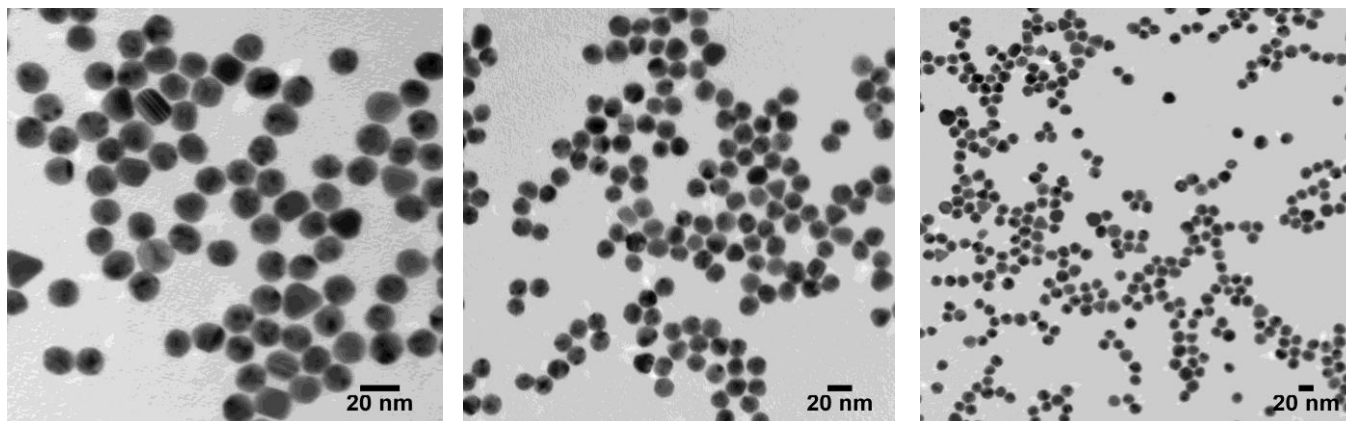


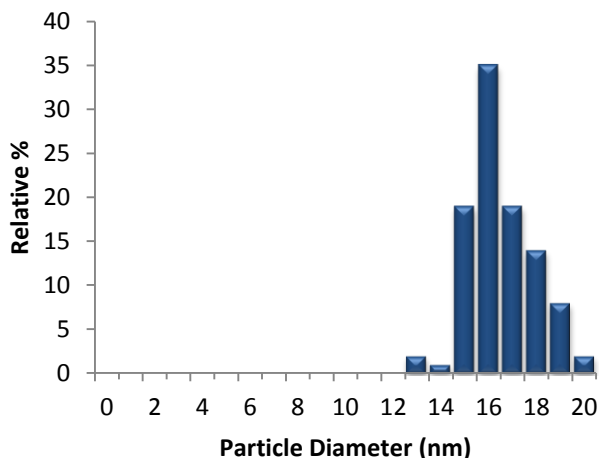
17 nm Tannic BioPure™ Gold

Lot Number: DAC1248

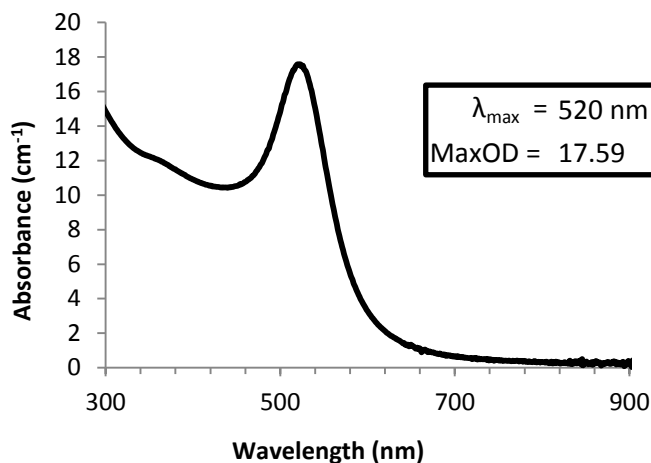
Diameter (TEM):	16.1 ± 1.4 nm	Hydrodynamic Diameter:	22.1 nm
Coefficient of Variation:	8.5 %	Zeta Potential:	-51.0 mV
TEM - calculated BET:	19.09 m ² /g	pH of Solution:	4.5
Mass Concentration (Au):	1.05 mg/mL	Particle Surface:	Tannic Acid
Particle Concentration:	2.5E+13 particles/mL	Solvent:	Milli-Q 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.