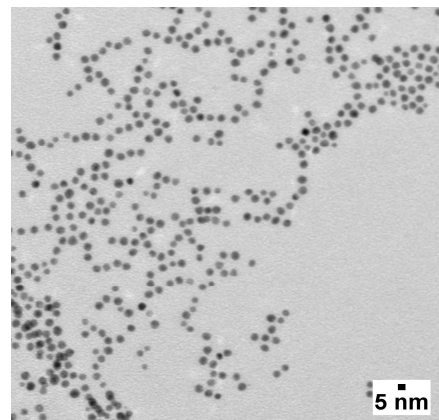
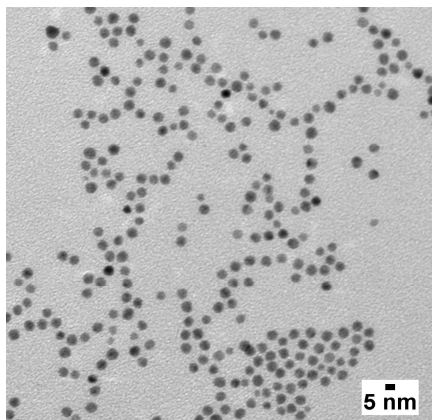
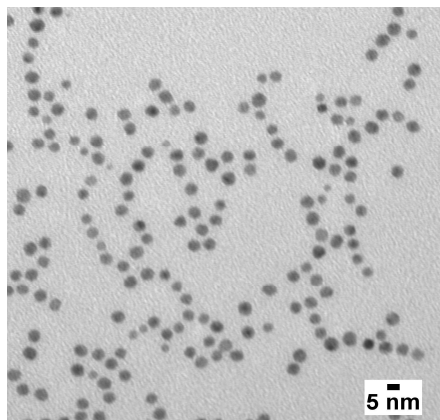


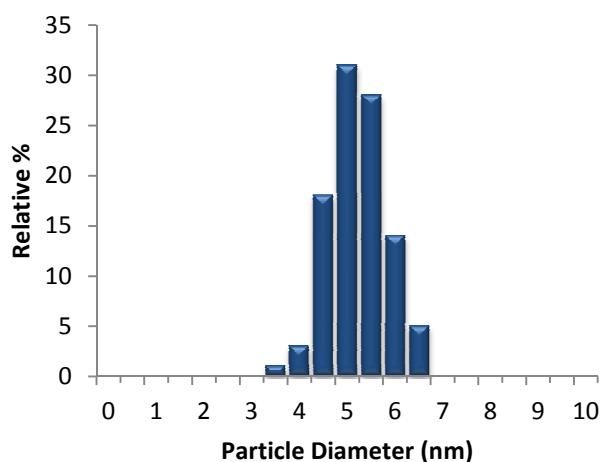
# 5 nm Tannic BioPure™ Gold

Lot Number: DAG1759

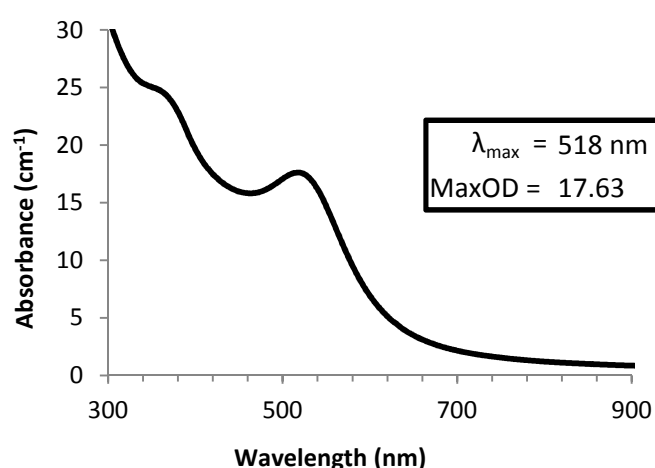
<b>Diameter (TEM):</b>	5.0 ± 0.6 nm	<b>Hydrodynamic Diameter:</b>	Not Reported*
<b>Coefficient of Variation:</b>	11.5 %	<b>Zeta Potential:</b>	Not Reported*
<b>Surface Area (TEM)</b>	60.8 m <sup>2</sup> /g	<b>pH of Solution:</b>	4.2
<b>Mass Concentration (Au):</b>	1.10 mg/mL	<b>Particle Surface:</b>	Tannic Acid
<b>Particle Concentration:</b>	8.8E+14 particles/mL	<b>Solvent:</b>	Milli-Q Water



## Size Distribution



## Optical Properties



## Characterization Instrumentation

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

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

\*For small diameter nanoparticles, DLS and Zeta Potential are not reported when the concentration is too low to get sufficient scattered light for an accurate measurement