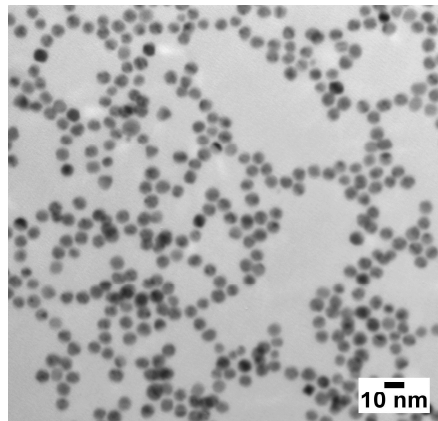
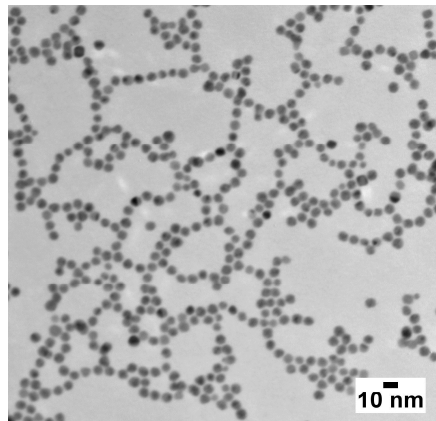
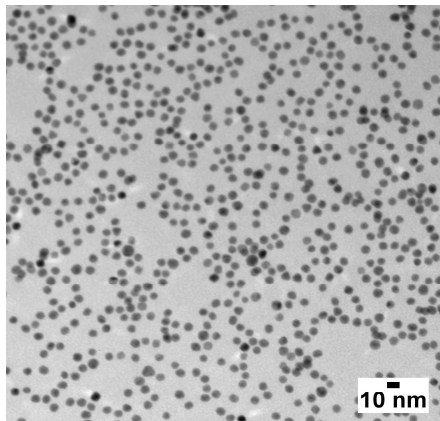


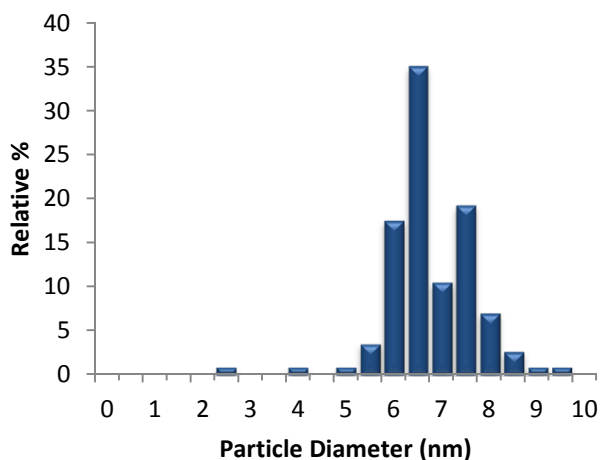
# 7 nm Tannic NanoXact™ Gold

Lot Number: ECP1154

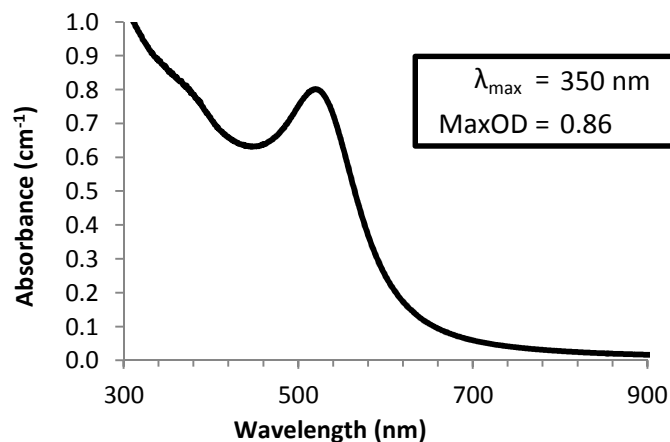
<b>Diameter (TEM):</b>	6.5 ± 0.9 nm	<b>Hydrodynamic Diameter:</b>	Not Reported*
<b>Coefficient of Variation:</b>	14.4 %	<b>Zeta Potential:</b>	Not Reported*
<b>Surface Area (TEM):</b>	46.0 m <sup>2</sup> /g	<b>pH of Solution:</b>	5.4
<b>Mass Concentration (Au):</b>	0.052 mg/mL	<b>Gold Purity:</b>	99.99 %
<b>Particle Concentration:</b>	1.9E+13 particles/mL	<b>Particle Surface:</b>	Tannic Acid
		<b>Solvent:</b>	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.**

\*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