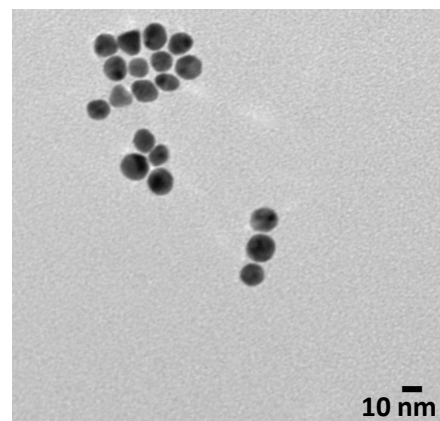
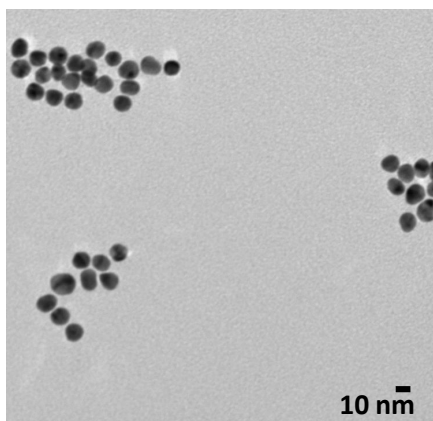
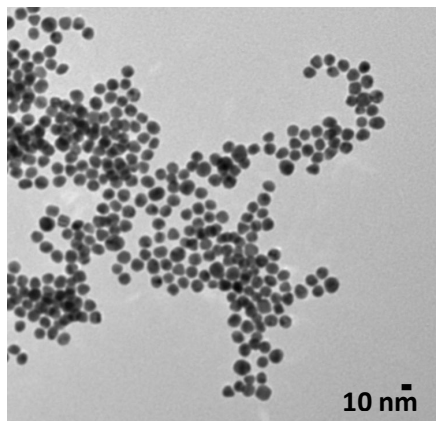


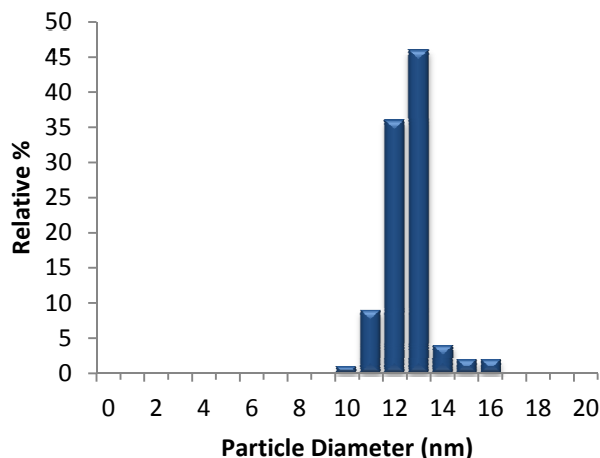
# 12 nm Tannic NanoXact™ Gold

Lot Number: JMW1086

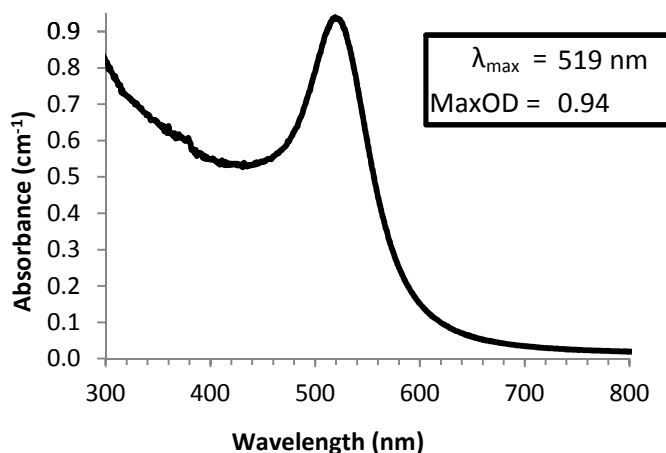
<b>Diameter (TEM):</b>	12.0 nm	<b>Hydrodynamic Diameter:</b>	18.3 nm
<b>First Standard Deviation:</b>	1.0 nm	<b>Zeta Potential:</b>	-41.2 mV
<b>Coefficient of Variation:</b>	8.1 %	<b>pH of Solution:</b>	5.3
<b>Mass Concentration (Au)</b>	0.057 mg/mL	<b>Particle Surface</b>	Tannic Acid
<b>Particle Concentration</b>	3.2E+12 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.