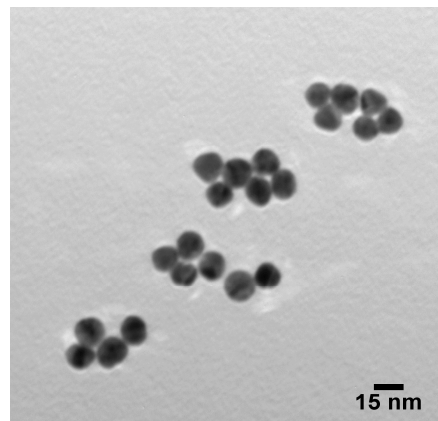
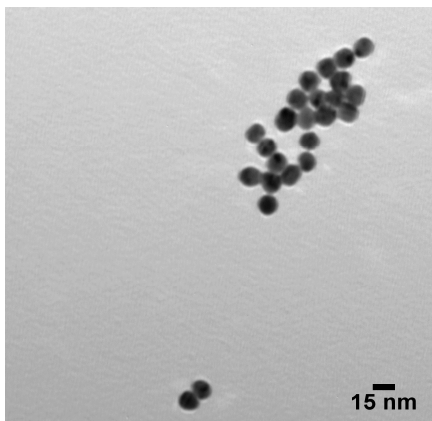
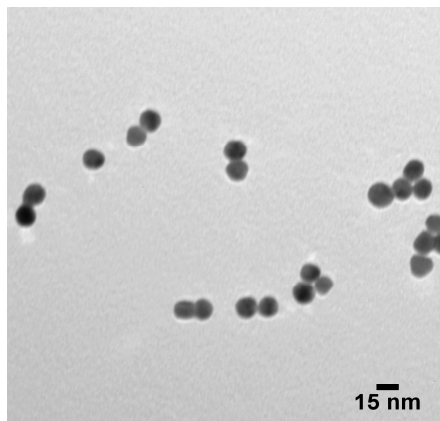


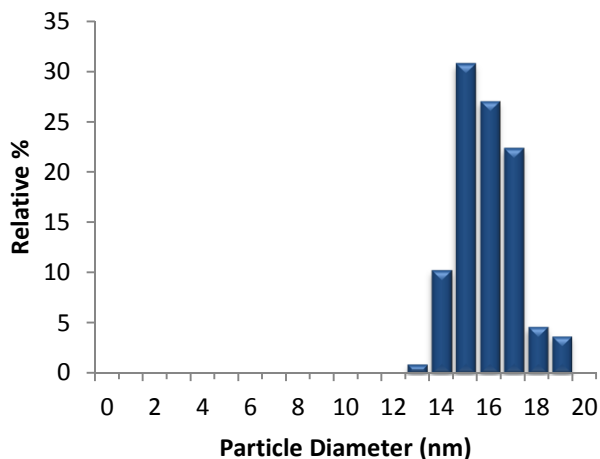
# 15 nm Lipoic Acid NanoXact™ Gold

Lot Number: JCP1070

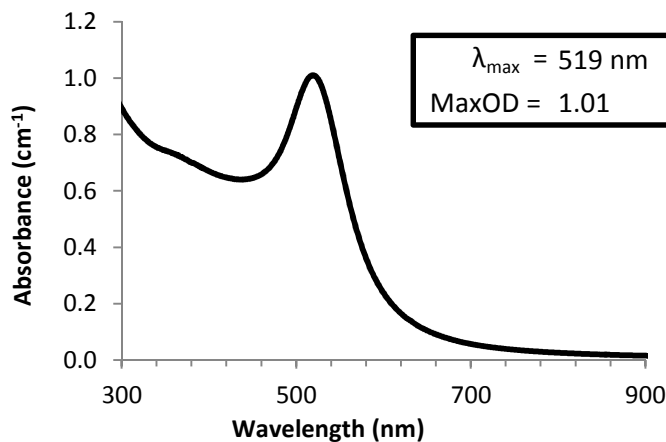
<b>Diameter (TEM):</b>	15.4 ± 1.2 nm	<b>Hydrodynamic Diameter:</b>	19.2 nm
<b>Coefficient of Variation:</b>	8.0 %	<b>Zeta Potential:</b>	-33.4 mV
<b>Surface Area (TEM):</b>	20.0 m <sup>2</sup> /g	<b>pH of Solution:</b>	5.6
<b>Mass Concentration (Au):</b>	0.053 mg/mL	<b>Particle Surface:</b>	Lipoic Acid
<b>Particle Concentration:</b>	1.4E+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.