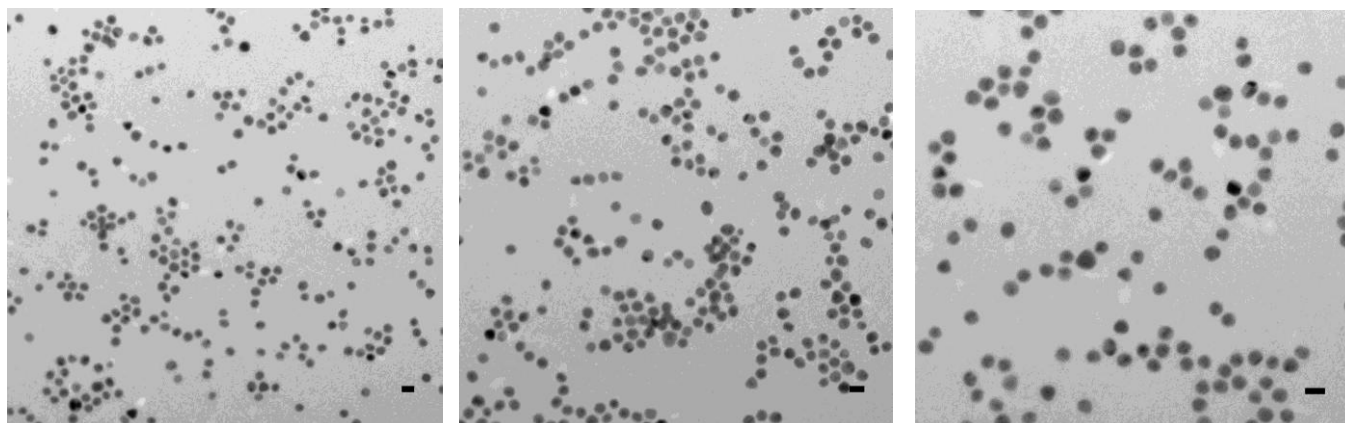


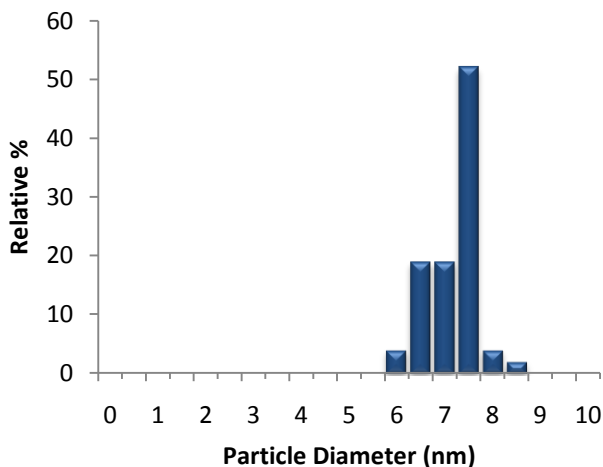
# 7 nm PVP NanoXact™ Gold

Lot Number: DAC1292

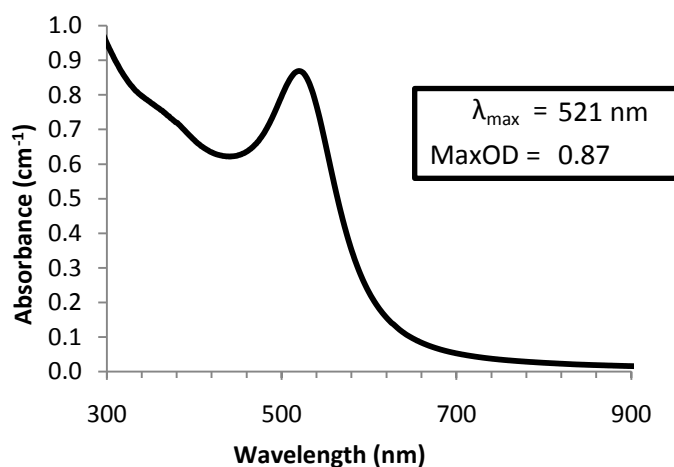
<b>Diameter (TEM):</b>	6.91 ± 0.48 nm	<b>Hydrodynamic Diameter:</b>	N/A
<b>Coefficient of Variation:</b>	6.9 %	<b>Zeta Potential:</b>	N/A
<b>TEM-calculated BET:</b>	44.58 m <sup>2</sup> /g	<b>pH of Solution:</b>	5.8
<b>Mass Concentration (Au):</b>	0.053 mg/mL	<b>Particle Surface:</b>	PVP
<b>Particle Concentration:</b>	1.6E+13 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.