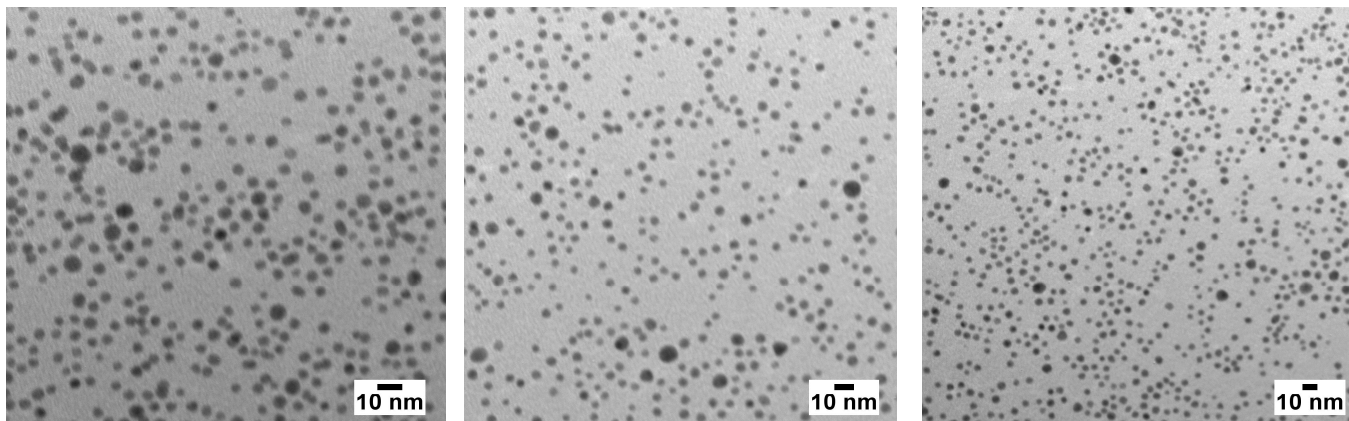


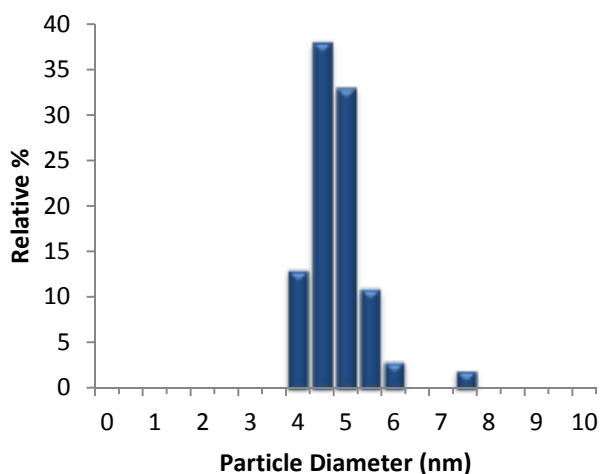
5 nm Gold Nanospheres, PVP, NanoXact™

Lot Number: SCM0041

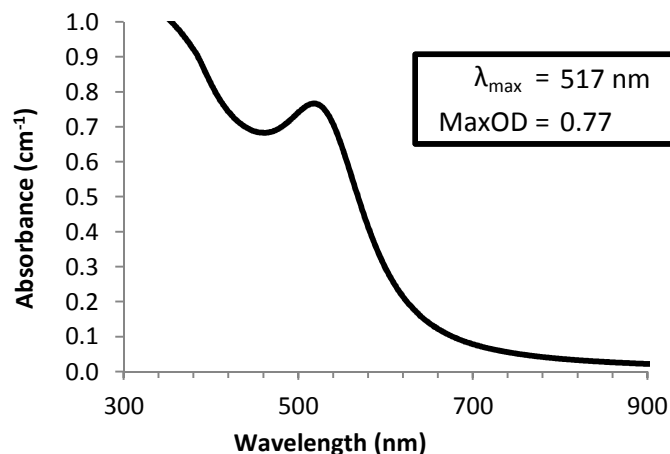
Diameter (TEM):	4.5 ± 0.6 nm	Hydrodynamic Diameter:	Not Reported*
Coefficient of Variation:	13.8 %	Zeta Potential:	Not Reported*
Surface Area (TEM):	65.8 m ² /g	pH of Solution:	5.4
Mass Concentration (Au):	0.053 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	5.6E+13 particles/mL	Particle Surface:	PVP
		Solvent:	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: 2-25 °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