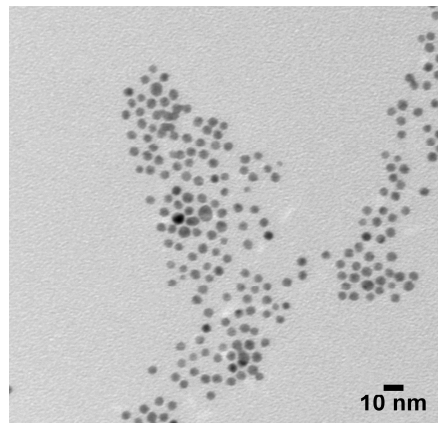
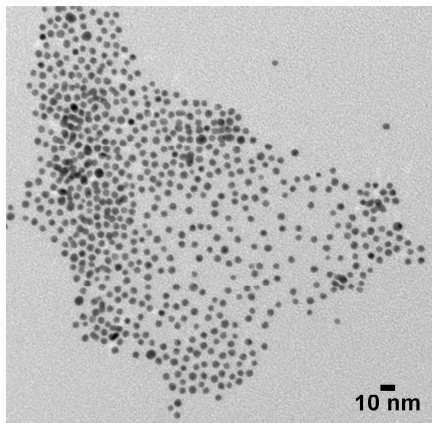
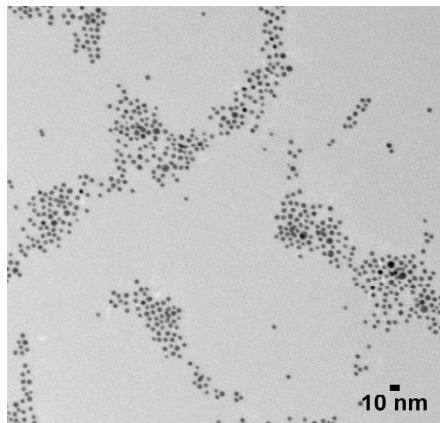


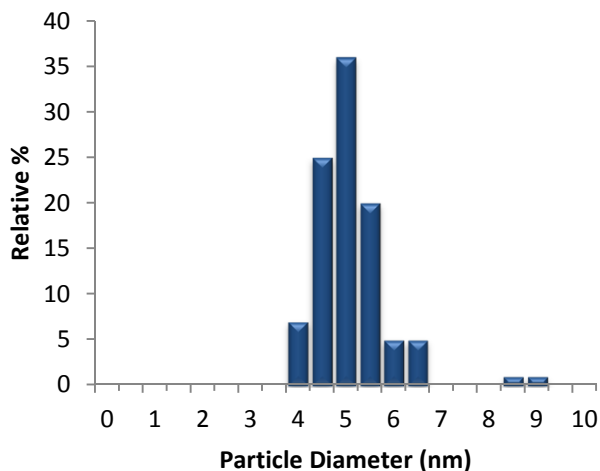
5 nm Gold Nanospheres, BPEI, NanoXact™

Lot Number: JRC0027

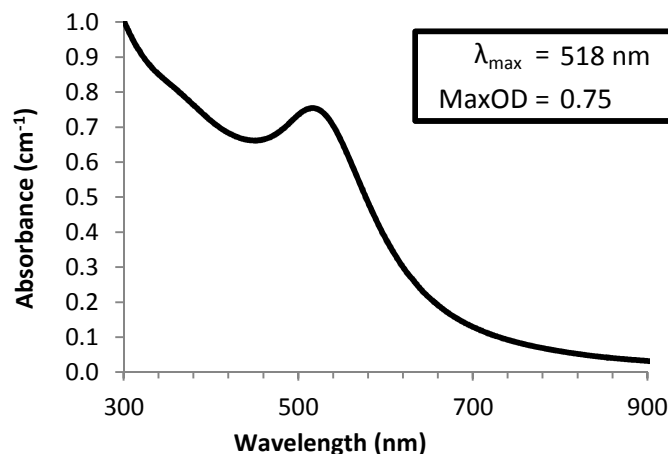
Diameter (TEM):	4.8 ± 0.8 nm	Hydrodynamic Diameter:	Not Reported*
Coefficient of Variation:	15.6 %	Zeta Potential:	Not Reported*
Surface Area (TEM):	60.9 m ² /g	pH of Solution:	7.4
Mass Concentration (Au):	0.054 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	4.7E+13 particles/mL	Particle Surface:	bPEI
		Solvent:	Milli-Q Water



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:	JEOL 1010 Transmission Electron Microscope
Mass Concentration:	Thermo Fisher X Series 2 ICP-MS
Spectral Properties:	Agilent 8453 UV-Visible Spectrometer

Storage: 2-8 °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