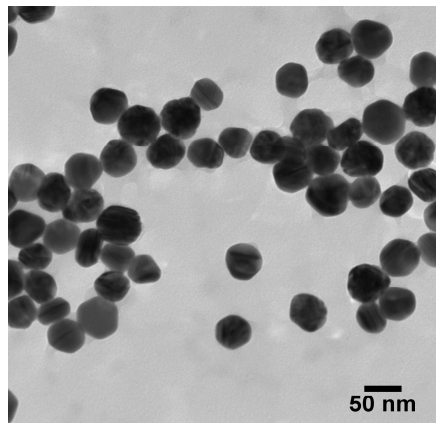
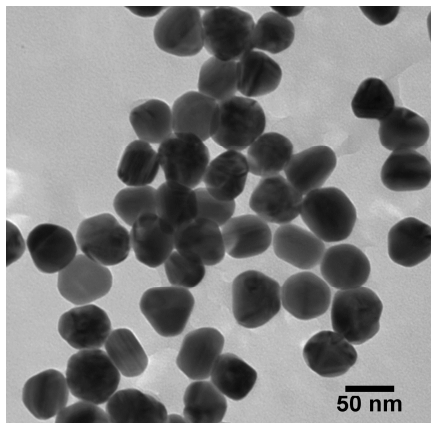
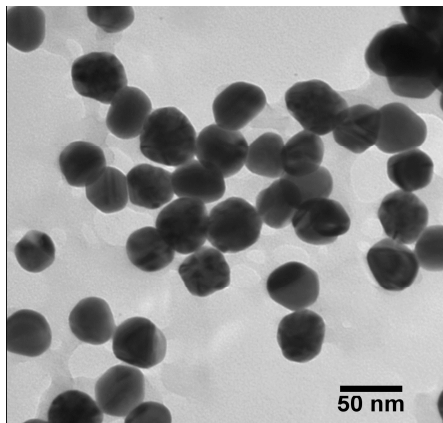


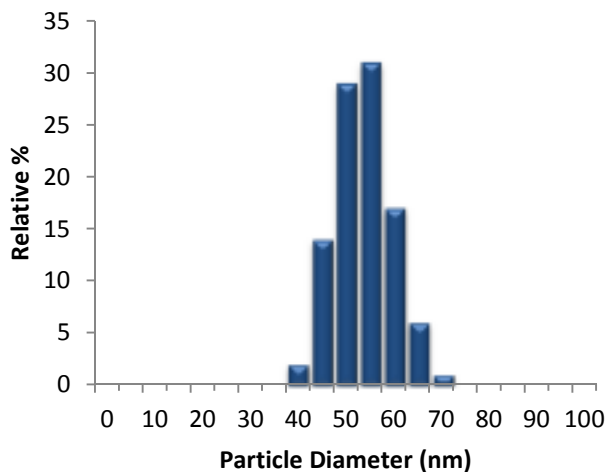
50 nm Silver Nanospheres, Citrate, NanoXact™

Lot Number: HKE0003

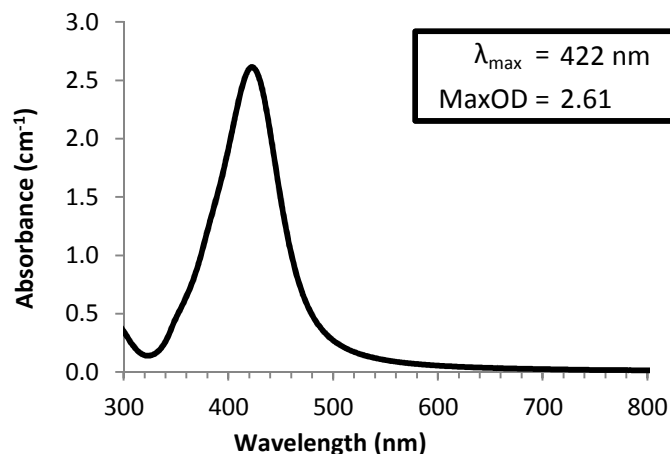
Diameter (TEM):	51 ± 6 nm	Hydrodynamic Diameter:	51 nm
Coefficient of Variation:	11.4 %	Zeta Potential:	-48 mV
Surface Area (TEM):	11.0 m ² /g	pH of Solution:	8.1
Mass Concentration (Ag):	0.021 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	3.0E+10 particles/mL	Particle Surface:	Sodium Citrate
		Solvent:	Aqueous 2mM Citrate



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
Hydrodynamic Diameter/Zeta Potential:	Malvern Zetasizer Nano ZS.

Storage: 2-8 °C away from light. DO NOT FREEZE.