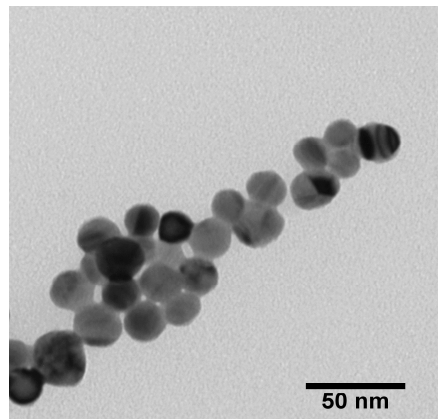
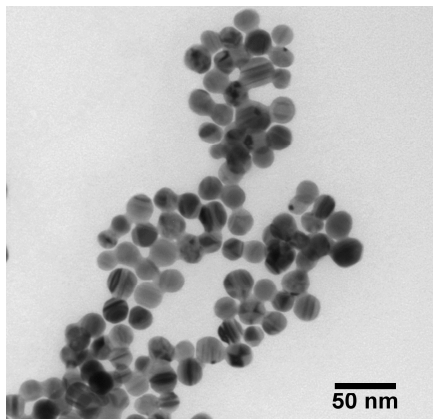
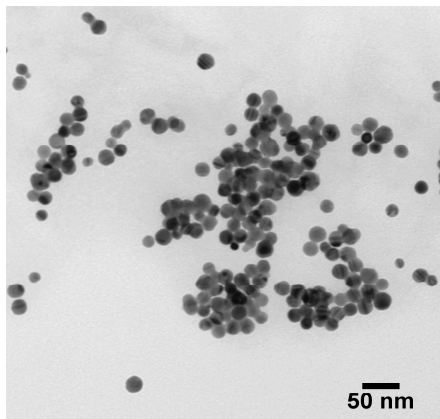


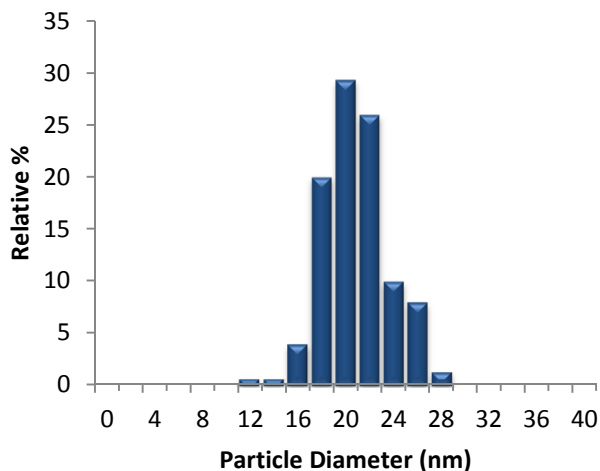
20 nm Silver Nanospheres, Citrate, NanoXact™

Lot Number: ECP1559

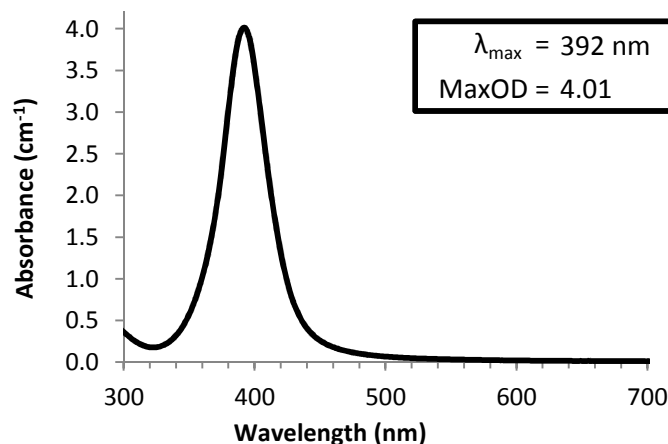
Diameter (TEM):	19.9 ± 2.8 nm	Hydrodynamic Diameter:	25 nm
Coefficient of Variation:	14.3 %	Zeta Potential:	-43 mV
Surface Area (TEM):	27.6 m ² /g	pH of Solution:	8.2
Mass Concentration (Ag):	0.022 mg/mL	Silver Purity:	99.99 %
Particle Concentration:	5.2E+11 particles/mL	Particle Surface:	Sodium Citrate
		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.