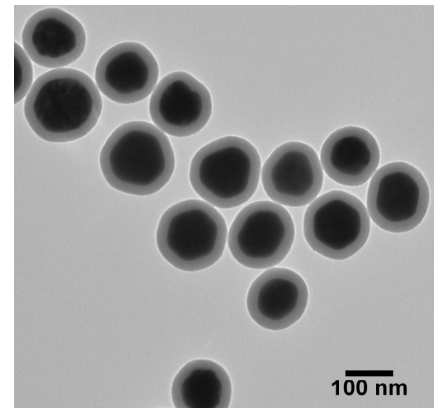
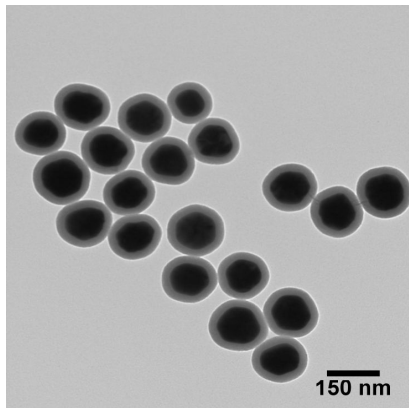
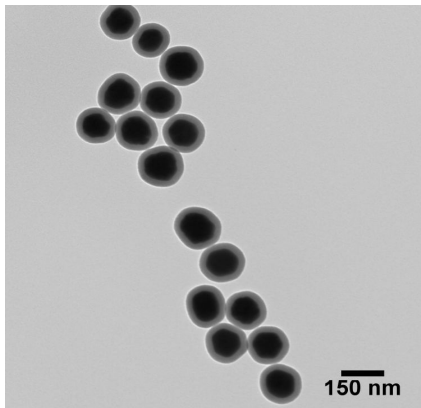


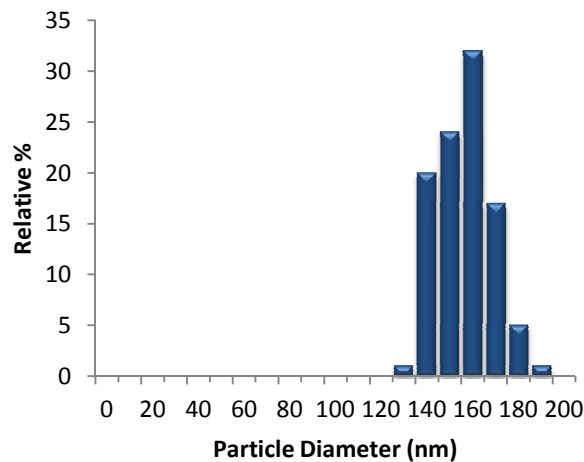
Silica Shelled 100 nm NanoXact™ Silver

Lot Number: KJW2211

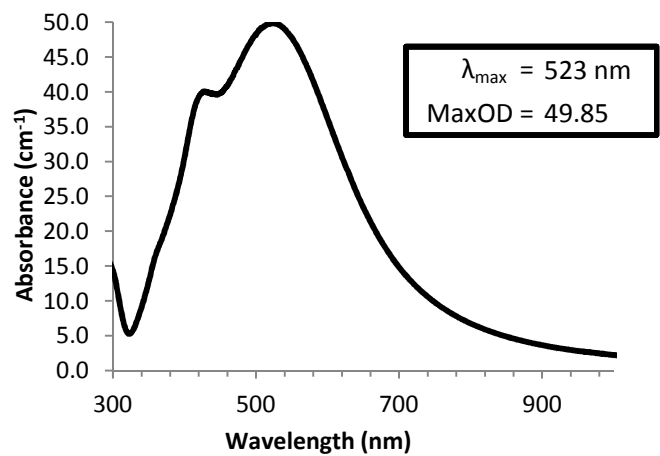
Total Diameter (TEM):	151.5 ± 11.2 nm	Mass Concentration (Ag):	1.10 mg/mL
Coefficient of Variation:	7.4 %	Hydrodynamic Diameter:	174.4 nm
Core Diameter (TEM):	106.6 ± 11.2 nm	Zeta Potential:	-37.0 mV
Shell Thickness (TEM):	22.4 nm	Zeta pH:	8.5
Surface Area (Calc'd):	7.7 m ² /g	Zeta Solvent:	Milli-Q H2O
Particle Concentration:	1.7E+11 particles/mL	Particle Surface:	Silanol
		Solvent:	Ethanol



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.

Shake vigorously before use. Bath sonicate if needed. Storage: 4-8 °C away from light.

DO NOT FREEZE.