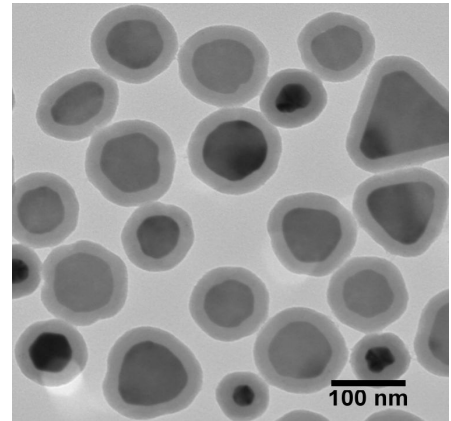
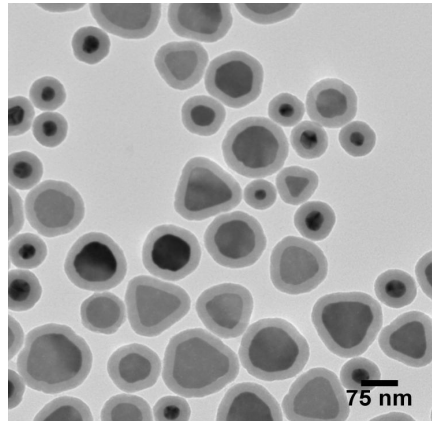
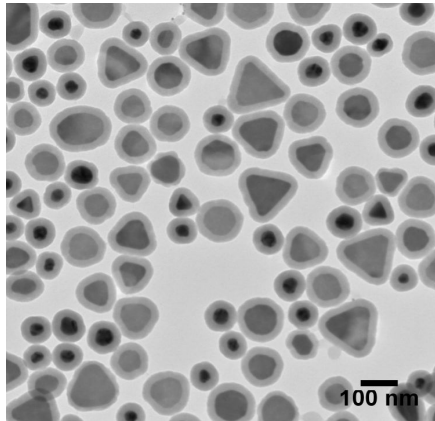


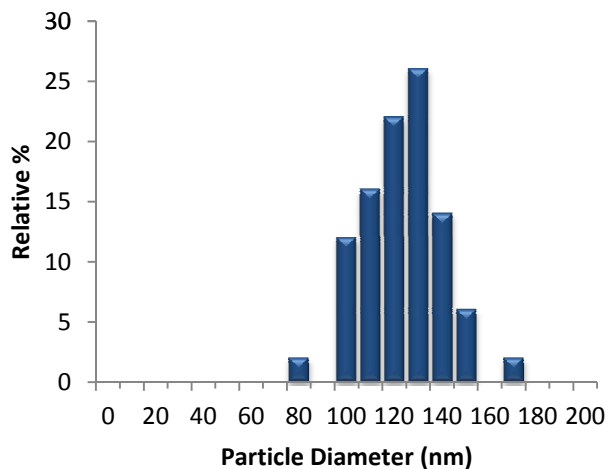
850 nm Resonant Silica Shelled NanoXact™ Silver Nanoplates

Lot Number: KJW2161

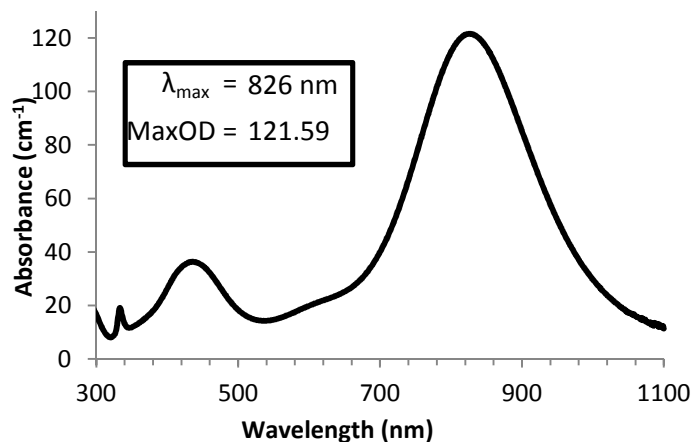
Total Diameter (TEM):	118.6 ± 15.7 nm	Mass Concentration (Ag):	1.03 mg/mL
Coefficient of Variation:	13.3 %	pH of Solution:	8.6
Core Diameter (TEM):	77.7 ± 16.6 nm	Particle Surface:	Silanol
Shell Thickness (TEM):	20.4 nm	Solvent:	10 mM Bicarbonate Buffer



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.