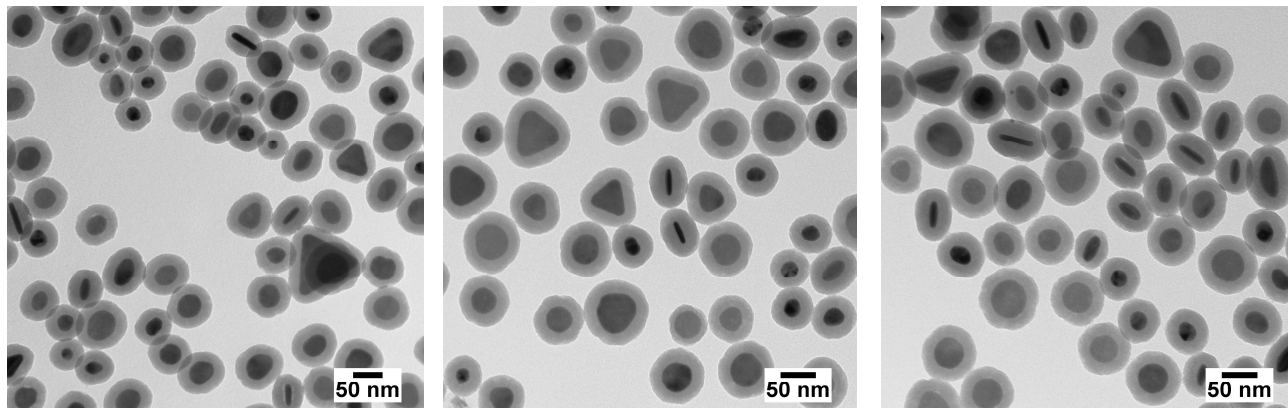


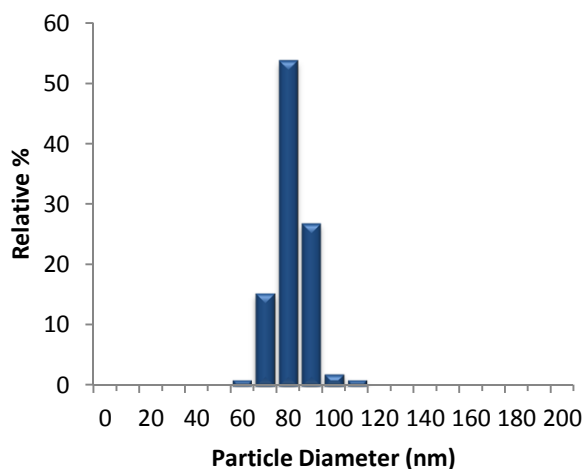
650 nm Resonant Silica Shelled Silver Nanoplates, NanoXact™

Lot Number: DMW0588

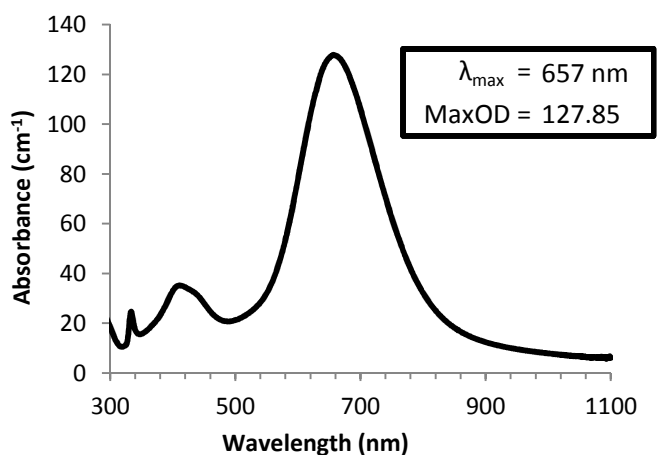
Total Diameter (TEM):	77 ± 7 nm	Mass Concentration (Ag):	1.05 mg/mL
Coefficient of Variation:	9.8 %	pH of Solution:	9.0
Core Diameter (TEM):	40 ± 8 nm	Particle Surface:	Silanol
Shell Thickness (TEM):	18 nm	Solvent:	Aqueous 10mM Bicarbonate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:
Mass Concentration:
Spectral Properties:

JEOL 1010 Transmission Electron Microscope
 Thermo Fisher X Series 2 ICP-MS
 Agilent 8453 UV-Visible Spectrometer

Shake vigorously before use. Bath sonicate if needed. Storage: 2-8 °C away from light.
DO NOT FREEZE.