

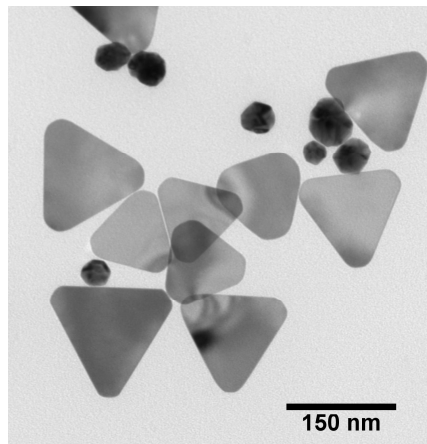
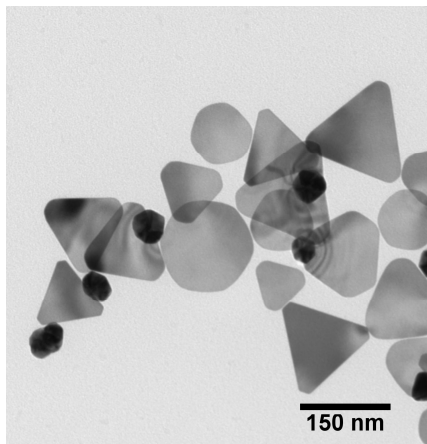
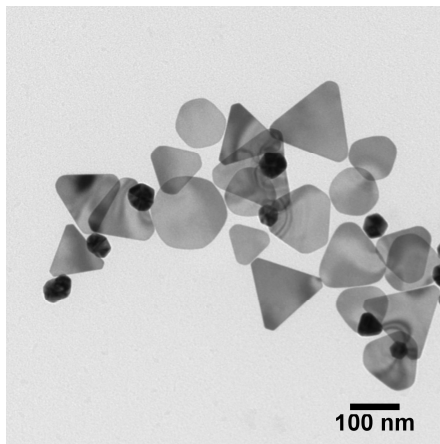
Silver Nanoplates, Peak Absorbance@ 980 nm, PVP, NanoXact™

Product Number: SPPH980

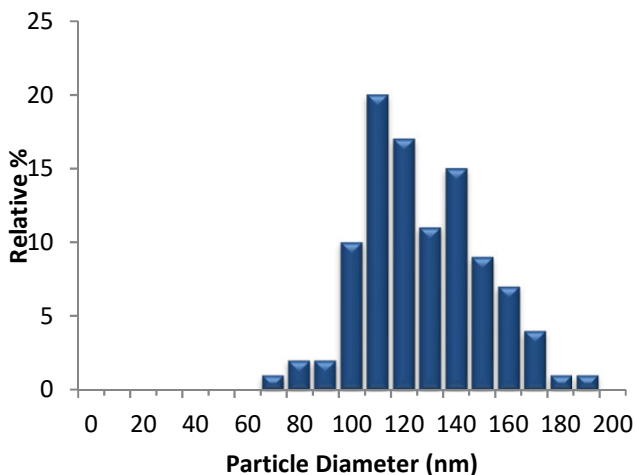
Lot Number: KJW2188

Diameter (TEM): 123 nm
First Standard Deviation: 23 nm
Coefficient of Variation: 18.6 %
Peak Wavelength: 932 nm
% Absorbance at 980 nm: 92.0 %
OD at 980 nm: 93.7

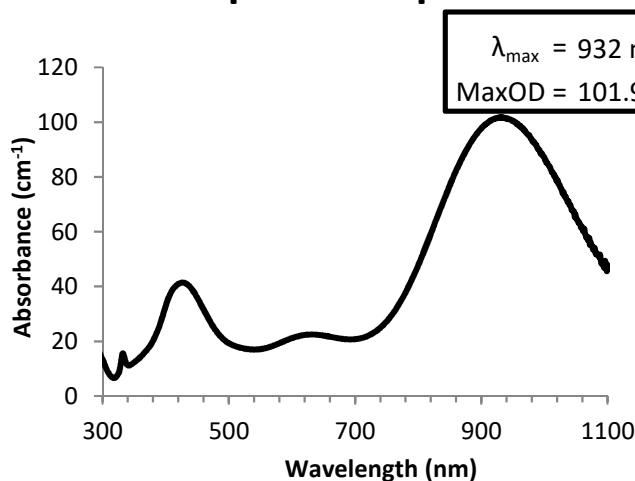
Mass Concentration (Ag): 1.00 mg/mL
pH of Solution: 9.3
Particle Surface: PVP 40 kDa (Polymer)
Solvent: Aqueous 5 mM Sodium Borate



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:
Mass Concentration:
Spectral Properties:
pH:

JEOL 1010 Transmission Electron Microscope; ImageJ
 Thermo Fisher X Series 2 ICP-MS
 Agilent 8453 UV-Visible Spectrometer
 Horiba - Laqua Twin pH Meter

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