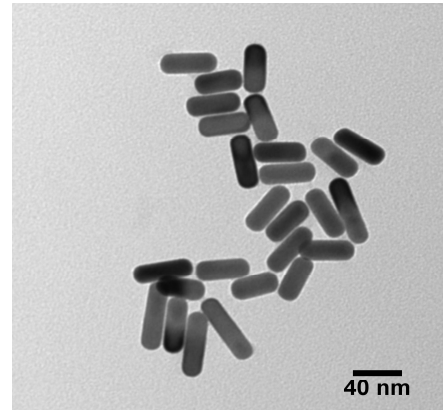
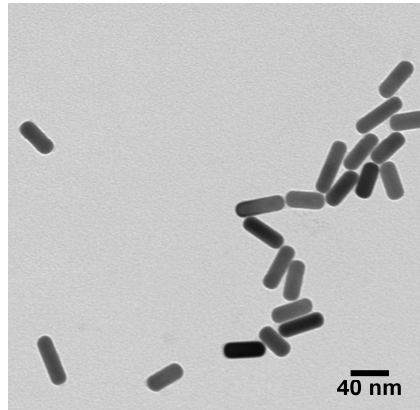
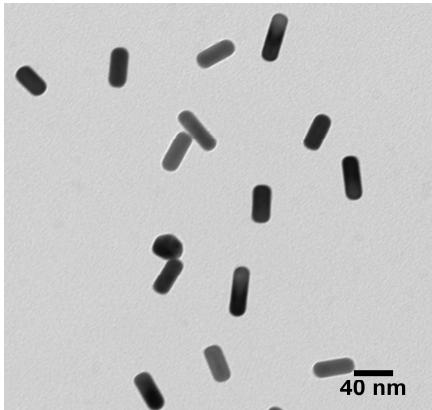


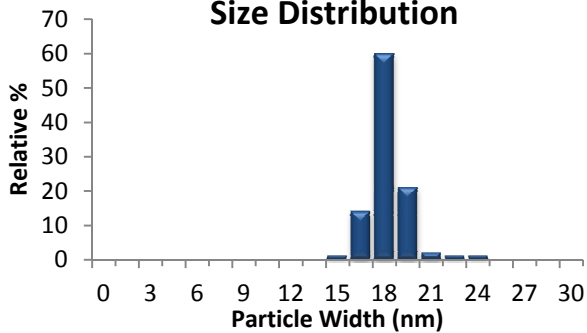
660 nm Resonant Gold Nanorods, Citrate , 50 OD

Lot Number: DMW0327

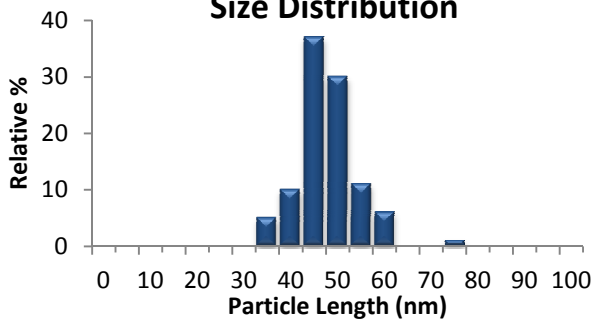
Average Length (TEM):	45.5 ± 6.3 nm	Mass Concentration (Au):	1.47 mg/mL
CV, Length:	13.9 %	Particle Concentration:	1.14E+13 parts/mL
Average Width (TEM):	17.4 ± 1.2 nm	Hydrodynamic Diameter:	12.7 nm
CV, Width:	6.7 %	Zeta Potential:	-66.5 mV
Average Aspect Ratio:	2.63	pH of Solution:	6.6
% Absorbance at 660 nm:	97.5 %	Particle Surface:	Sodium Citrate
OD at 660 nm:	51.11	Solvent:	Milli-Q Water



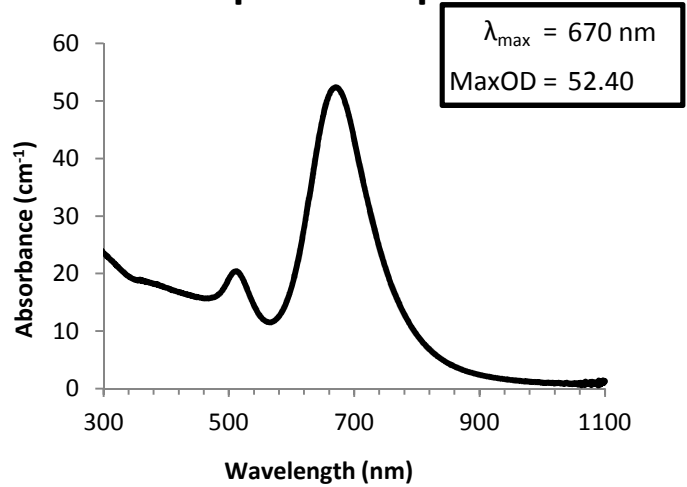
Size Distribution



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: 4-8 °C. DO NOT FREEZE.