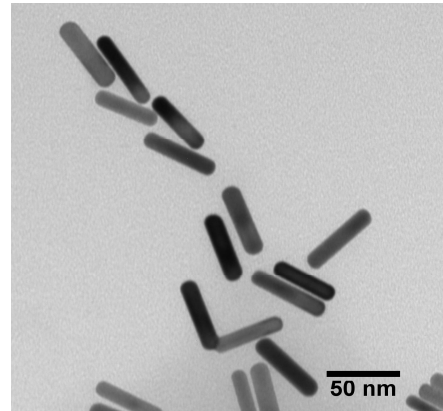
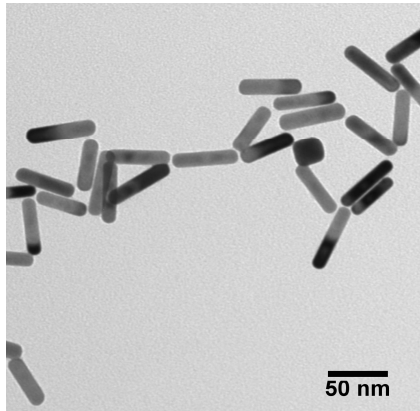
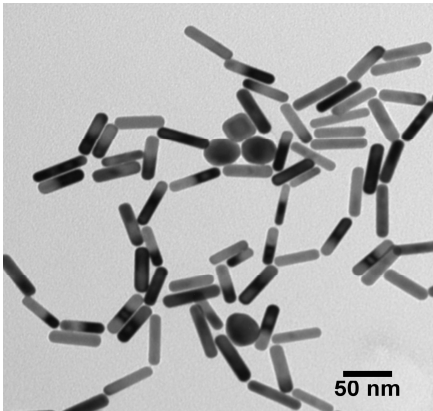


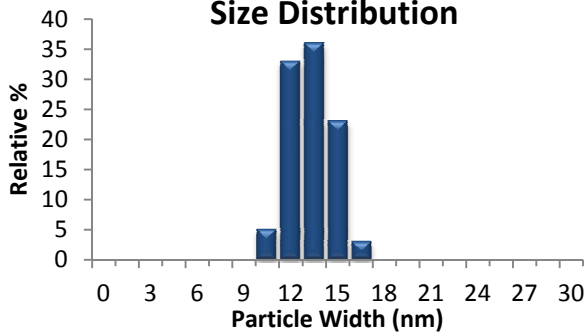
800 nm Resonant Gold Nanorods, Citrate , 50 OD

Lot Number: DMW0343

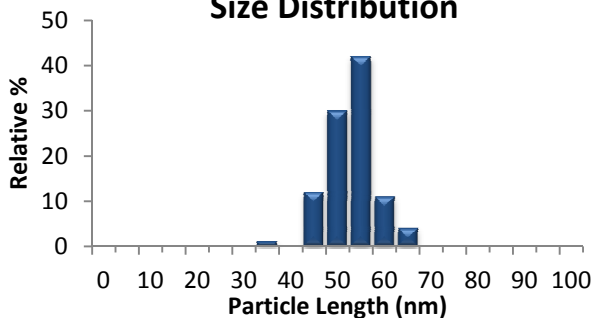
Average Length (TEM):	50.8 ± 5 nm	Mass Concentration (Au):	0.88 mg/mL
CV, Length:	9.8 %	Particle Concentration:	9.64E+12 parts/mL
Average Width (TEM):	12.5 ± 1.4 nm	Hydrodynamic Diameter:	8 nm
CV, Width:	10.8 %	Zeta Potential:	-45 mV
Average Aspect Ratio:	4.1	pH of Solution:	7.0
% Absorbance at 800 nm:	99.2 %	Particle Surface:	Sodium Citrate
OD at 800 nm:	50.77	Solvent:	Milli-Q Water



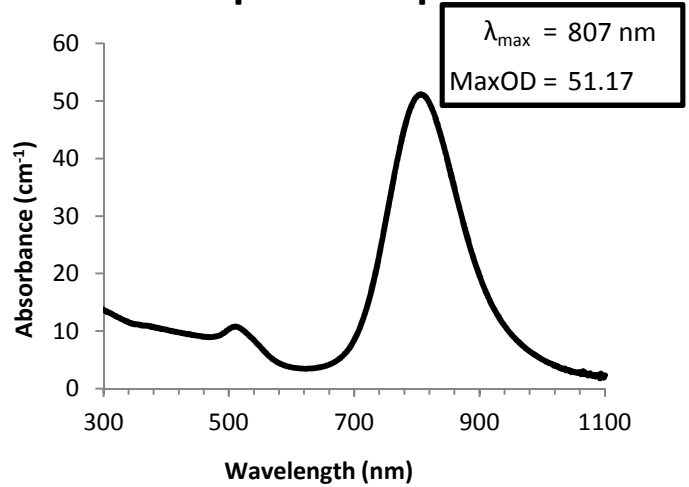
Size Distribution



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.