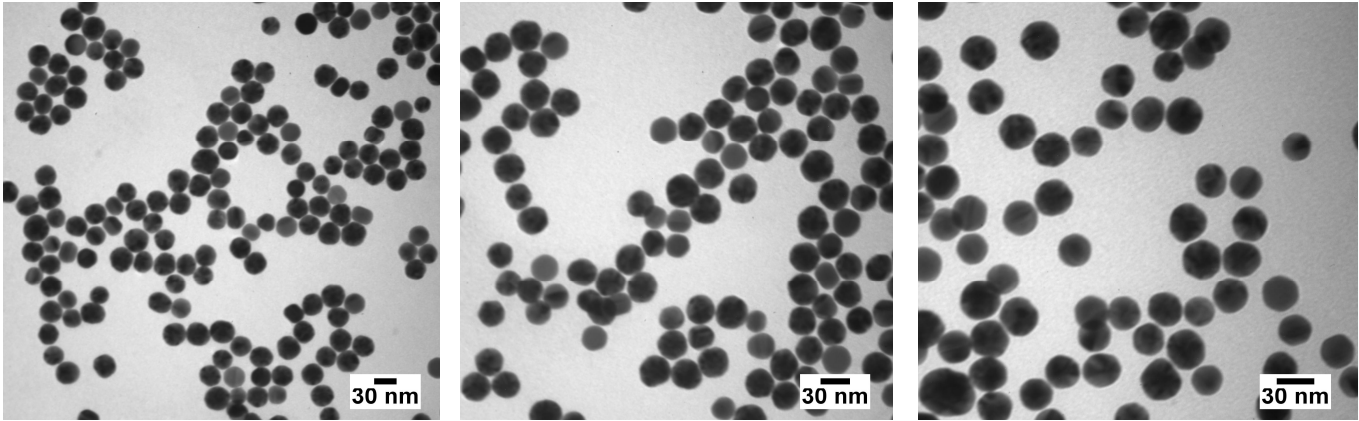


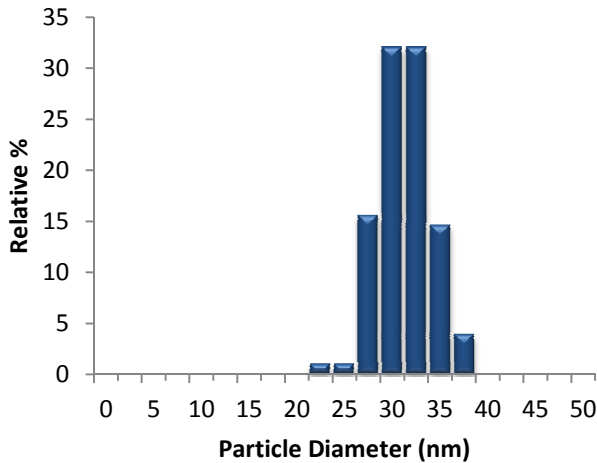
30 nm bPEI NanoXact™ Gold

Lot Number: CLF0267

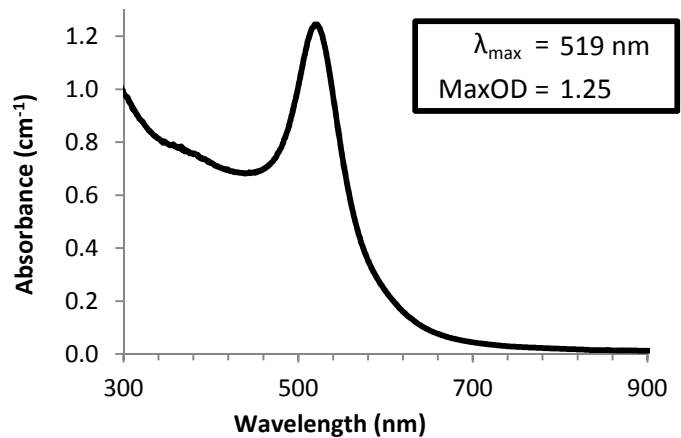
Diameter (TEM):	30.1 ± 2.8 nm	Hydrodynamic Diameter:	49.1 nm
Coefficient of Variation:	9.4 %	Zeta Potential:	64.8 mV
Surface Area (TEM):	10.1 m ² /g	pH of Solution:	6.3
Mass Concentration (Au):	0.053 mg/mL	Gold Purity:	99.99 %
Particle Concentration:	1.9E+11 particles/mL	Particle Surface:	bPEI
		Solvent:	Milli-Q Water



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: 4-25 °C. DO NOT FREEZE.