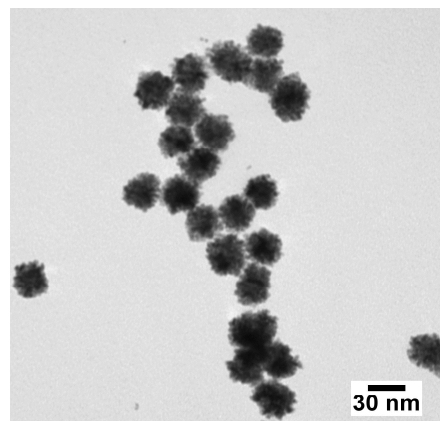
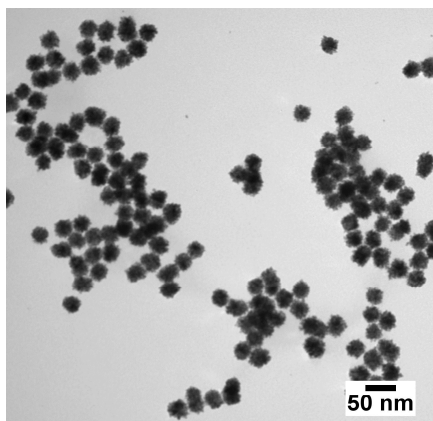
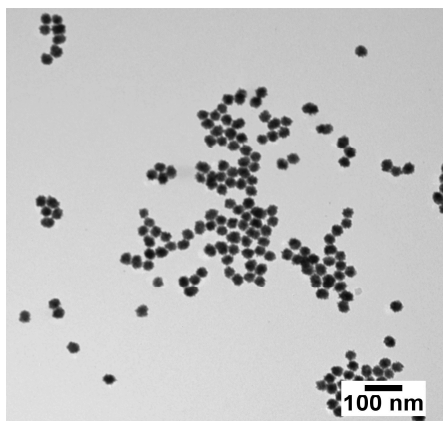


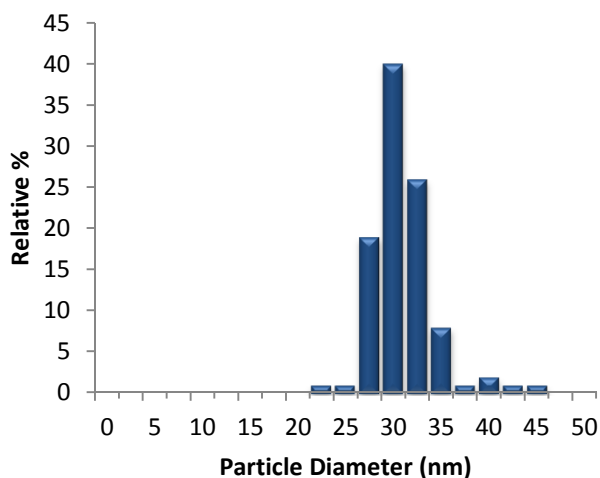
30 nm Platinum Nanoparticles, Citrate, NanoXact™

Lot Number: ECP1536

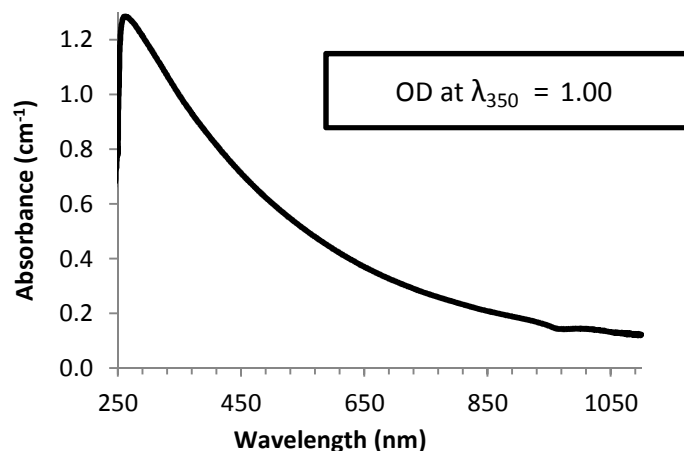
Diameter (TEM):	30 ± 3 nm	Hydrodynamic Diameter:	39 nm
Coefficient of Variation:	11.2 %	Zeta Potential:	-34 mV
Surface Area (TEM):	9.2 m ² /g	pH of Solution:	7.7
Mass Concentration (Pt):	0.053 mg/mL	Platinum Purity:	99.99 %
Particle Concentration:	1.8E+11 particles/mL	Particle Surface:	Sodium Citrate
		Solvent:	Aqueous 2mM Citrate



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: 2-8 °C. DO NOT FREEZE.