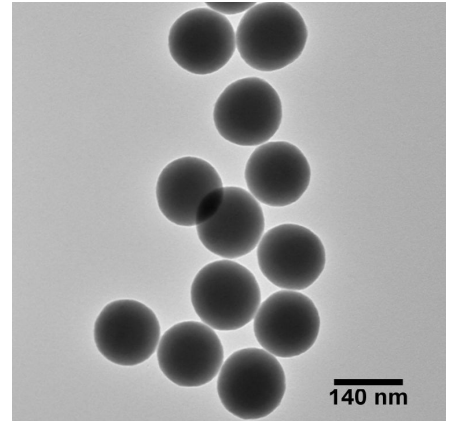
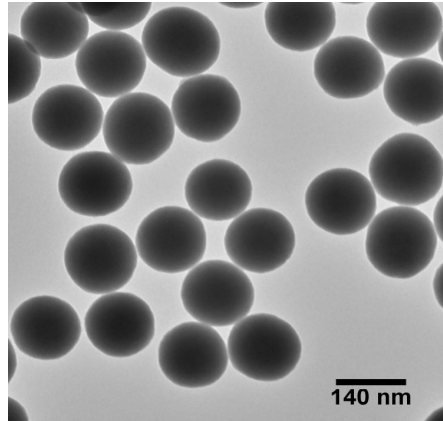
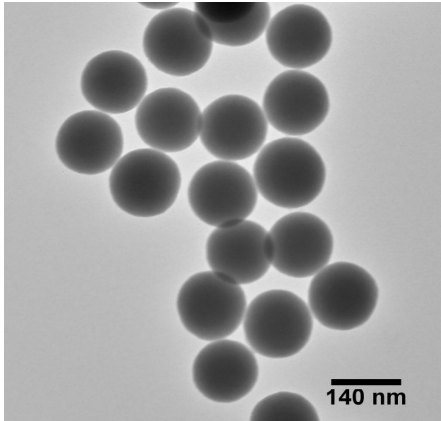


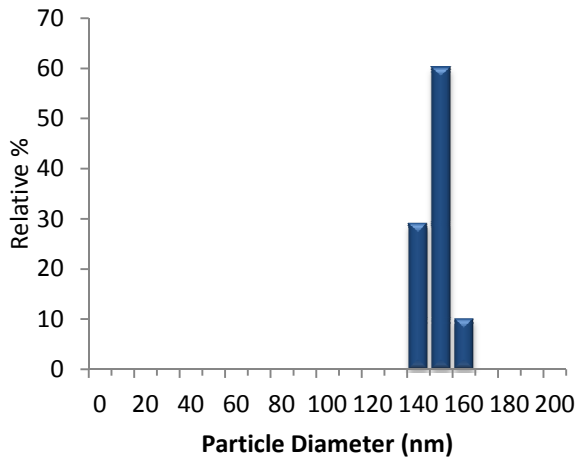
140 nm Amine-Terminated NanoXact™ Silica

Lot Number: WNB0100

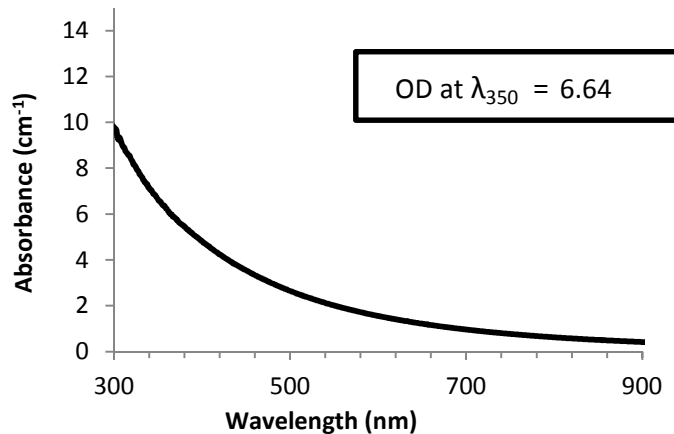
Diameter (TEM):	144.1 ± 11.1 nm	Hydrodynamic Diameter:	180.8 nm
Coefficient of Variation:	7.7 %	Zeta Potential:	27.1 mV
Surface Area (TEM):	18.6 m ² /g	Zeta pH: 5.09	Zeta Solvent: Milli-Q H2O
Mass Concentration (SiO₂):	10.41 mg/mL	Particle Surface:	Amine Terminated
Particle Concentration:	3.0E+12 particles/mL	Solvent:	Ethanol



Size Distribution



Optical Properties



Characterization Instrumentation

Diameter and Size Statistics:

Mass Concentration:

Spectral Properties:

Hydrodynamic Diameter/Zeta Potential:

JEOL 1010 Transmission Electron Microscope

Gravimetric Analysis- AND HM-202

Agilent 8453 UV-Visible Spectrometer

Malvern Zetasizer Nano ZS.

Shake vigorously before use. Bath sonicate if needed. Storage: 25°C. DO NOT FREEZE.