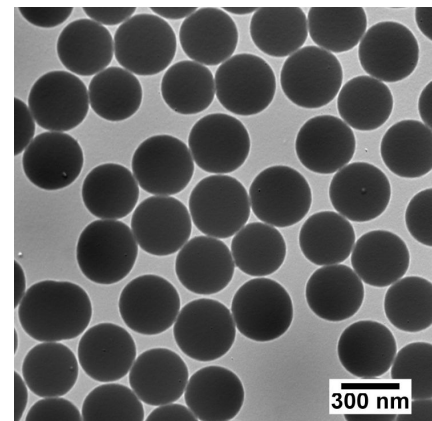
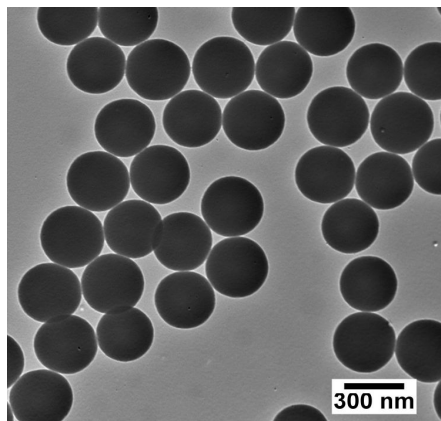
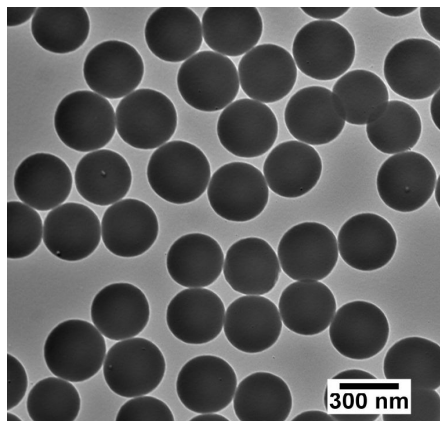


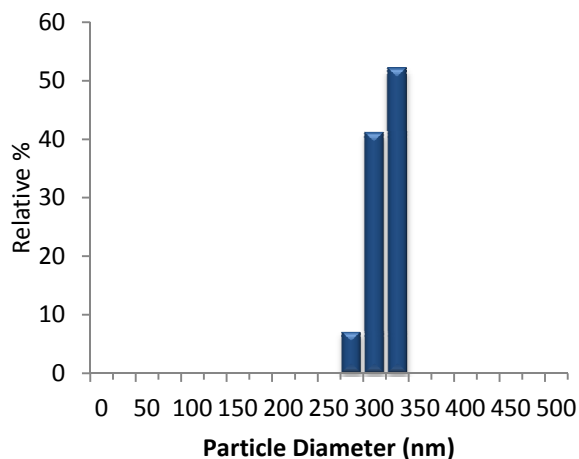
300 nm Aminated NanoXact™ Silica

Lot Number: ECP1368

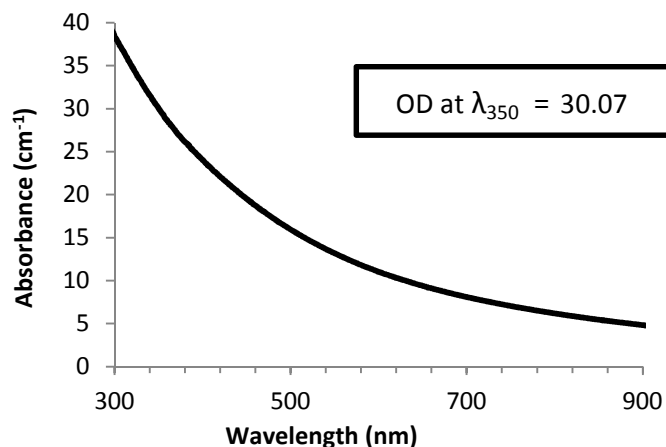
Diameter (TEM):	297 ± 13 nm	Hydrodynamic Diameter:	326 nm
Coefficient of Variation:	4.5 %	Zeta Potential:	42 mV
Surface Area (TEM):	9.2 m ² /g	Zeta pH: 5.3	Zeta Solvent: Milli-Q H ₂ O
Mass Concentration (SiO₂):	9.8 mg/mL	Particle Surface:	Amine Terminated
Particle Concentration:	3.3E+11 particles/mL	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.