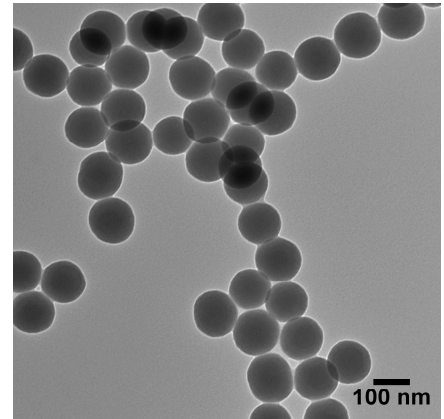
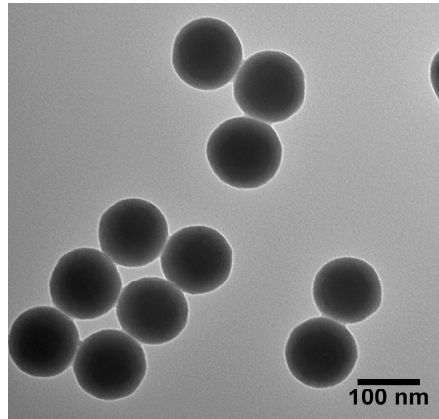
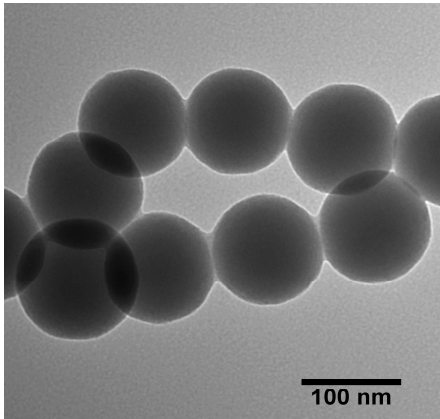


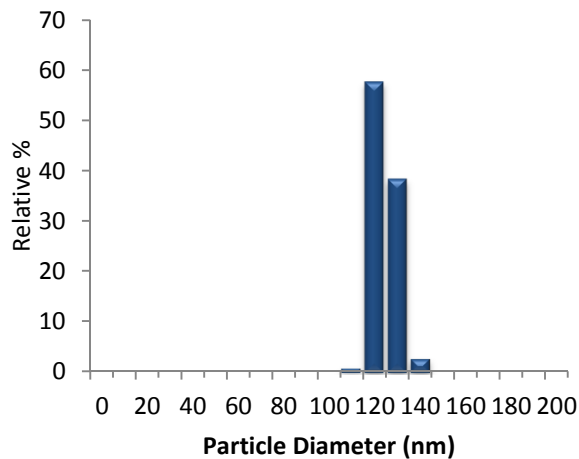
120 nm Silica Nanospheres, Aminated Silica, NanoXact™

Lot Number: SCM0120

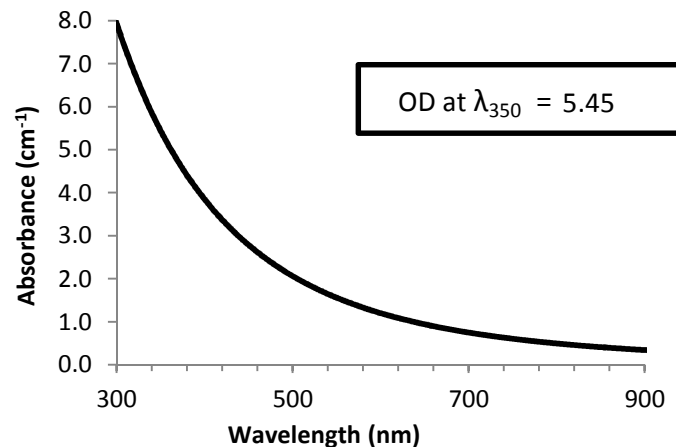
Diameter (TEM):	119 ± 5 nm	Hydrodynamic Diameter:	154 nm
Coefficient of Variation:	4.1 %	Zeta Potential:	45 mV
Surface Area (TEM):	22.8 m ² /g	Zeta pH: 5.3	Zeta Solvent: Milli-Q H ₂ O
Mass Concentration (SiO₂)	10.5 mg/mL	Particle Surface:	Aminated
Particle Concentration:	5.4E+12 particles/mL	Solvent:	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.