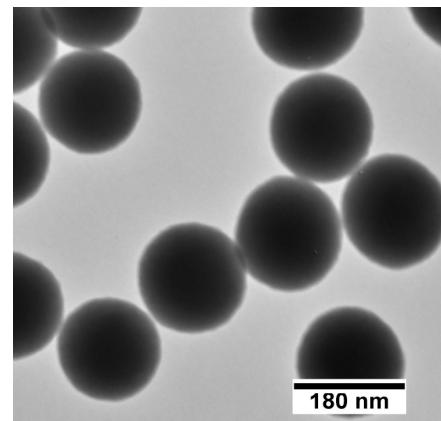
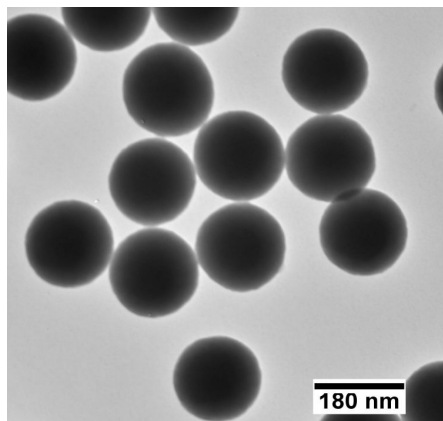
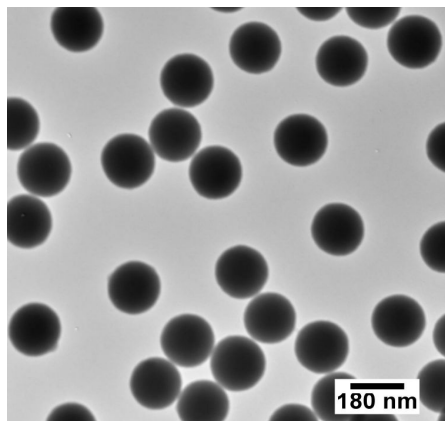


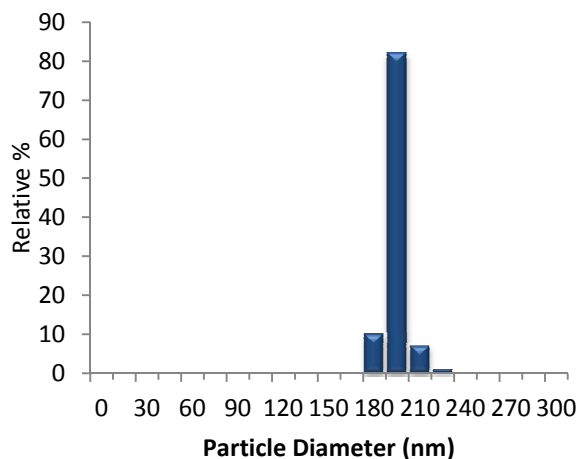
# 180 nm Aminated NanoXact™ Silica

Lot Number: WNB0153

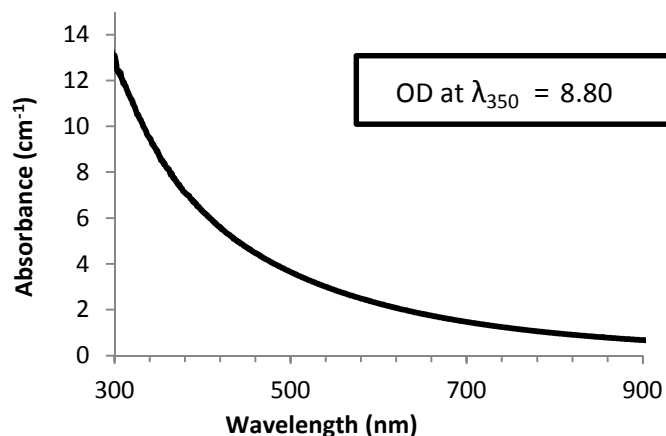
<b>Diameter (TEM):</b>	187 ± 6 nm	<b>Hydrodynamic Diameter:</b>	233.6 nm
<b>Coefficient of Variation:</b>	3.0 %	<b>Zeta Potential:</b>	31.0 mV
<b>Surface Area (TEM):</b>	14.5 m <sup>2</sup> /g	<b>Zeta pH:</b> 5.0	<b>Zeta Solvent:</b> Milli-Q H <sub>2</sub> O
<b>Mass Concentration (SiO<sub>2</sub>):</b>	10.12 mg/mL	<b>Particle Surface:</b>	Amine Terminated
<b>Particle Concentration:</b>	1.3E+12 particles/mL	<b>Solvent:</b>	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.