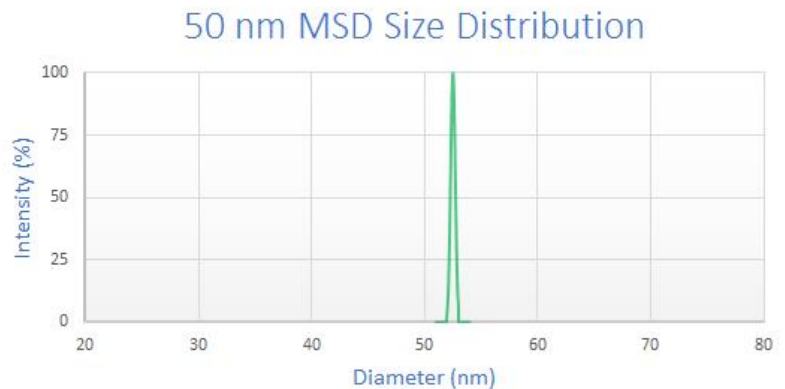
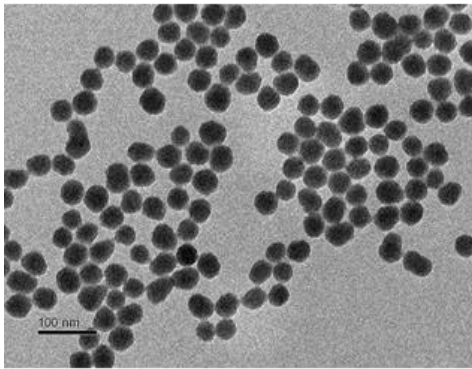


50 nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	52.6 ± 4 nm
Polydispersity Index	0.025
Coefficient of Variation (%)	6 %
Concentration (counts per second)	320 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



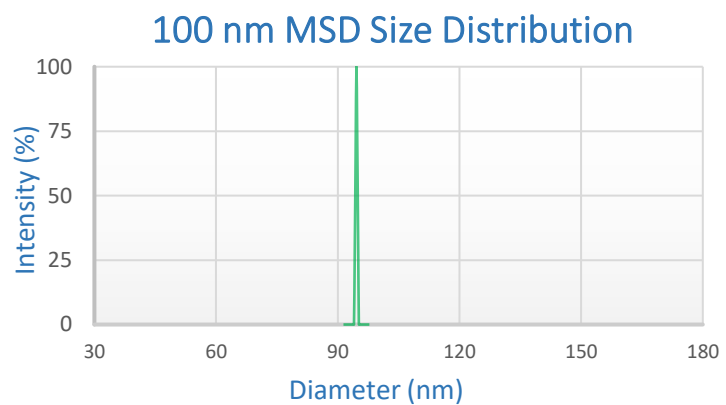
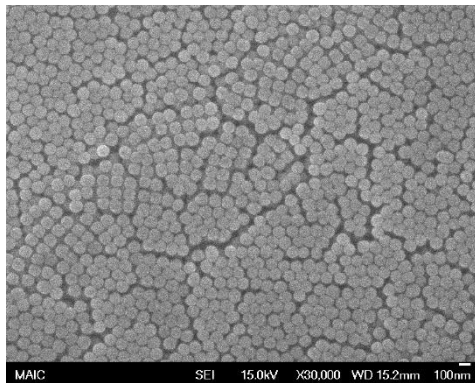
Solutions available in water or ethanol
at a custom wt%.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”. We guarantee a polydispersity below 0.05.

100nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	99.0 ± 6 nm
Polydispersity Index	0.010
Coefficient of Variation (%)	6 %
Concentration (counts per second)	80kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.4



Solutions available in water or ethanol at a custom wt%.

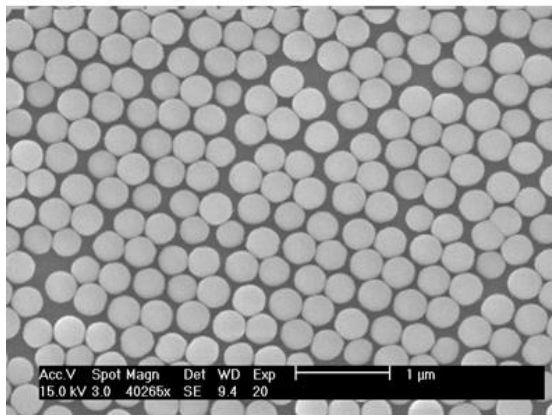
Dry quantities available up to 1000 kg.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.

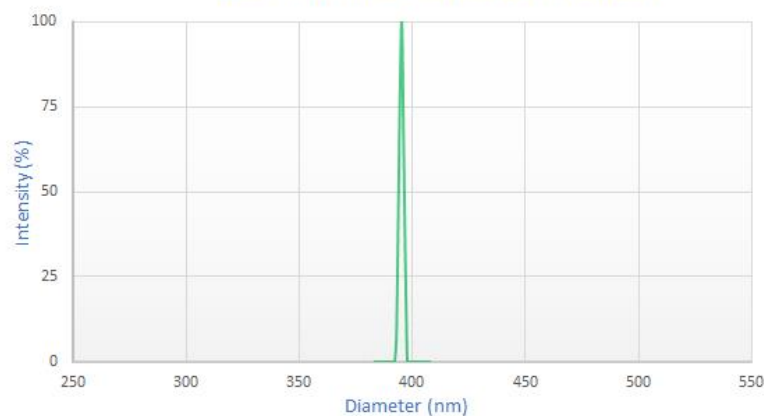
400nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	397.4 ± 12 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	6 %
Concentration (counts per second)	90 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.1



400 nm MSD Size Distribution



Solutions available in water or ethanol at a custom wt%.

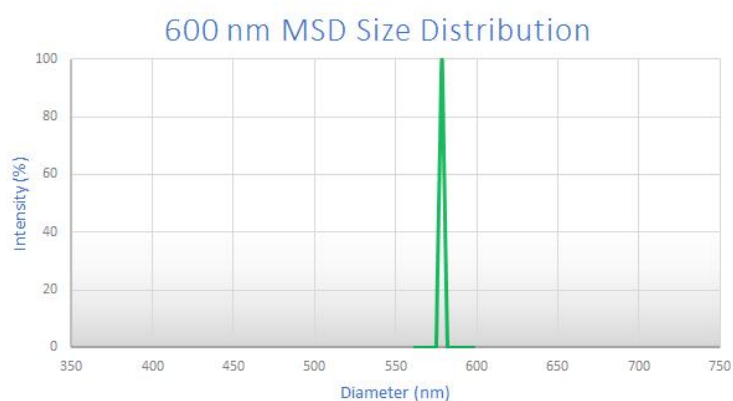
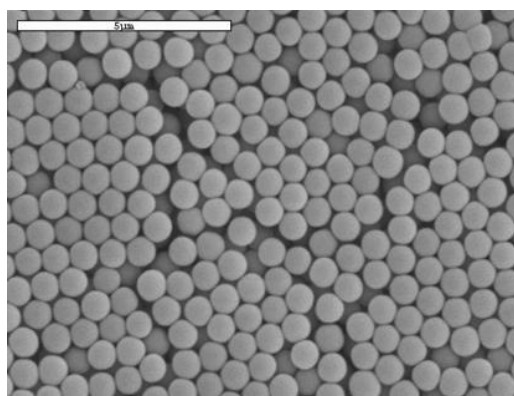
Dry quantities available up to 1000 kg.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.

600nm Silica (SiO₂) Nanoparticles

Particle Characteristics

Effective Diameter (nm)	597.1 ± 19 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	6 %
Concentration (counts per second)	800 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol at a custom wt%.

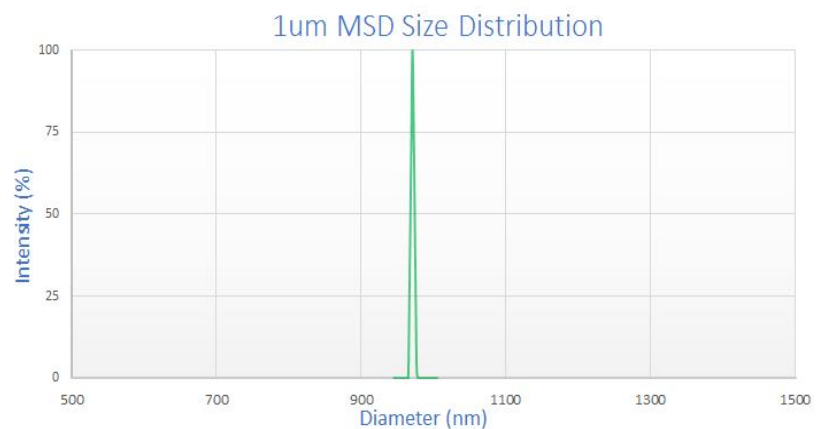
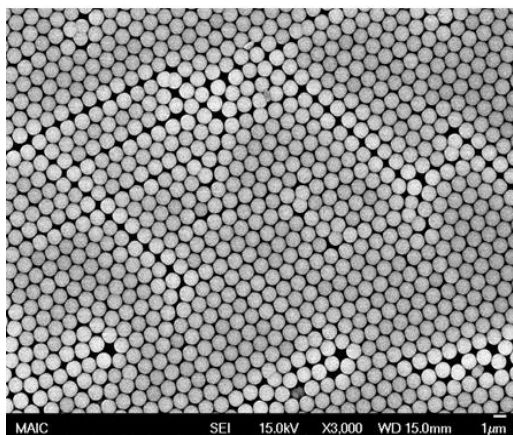
Dry quantities available up to 1000 kg.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.

1 μm Silica (SiO_2) Microspheres

Particle Characteristics

Effective Diameter (nm)	1015.3 \pm 38 nm
Polydispersity Index	0.005
Coefficient of Variation (%)	5 %
Concentration (counts per second)	325 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	7.8



Solutions available in water or ethanol at a custom wt%.

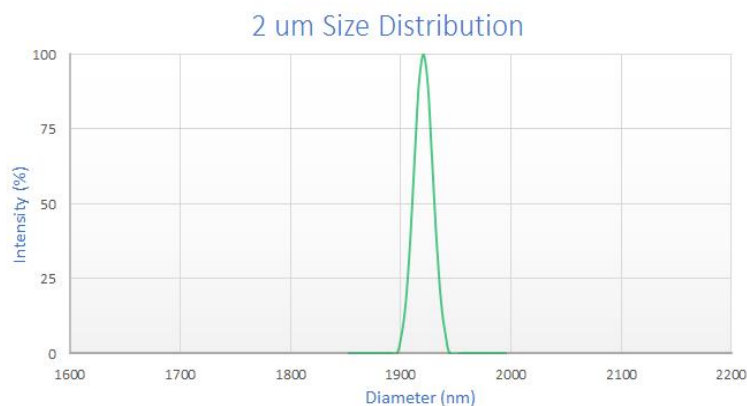
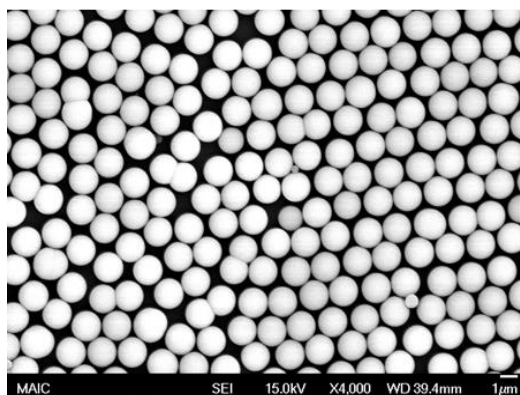
Dry quantities available up to 1000 kg.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.

2 um Silica (SiO₂) Microspheres

Particle Characteristics

Effective Diameter (nm)	1990.4 ± 80 nm
Polydispersity Index	0.050
Coefficient of Variation (%)	11 %
Concentration (counts per second)	80 kcps
Surface functionalization	Silanol (Si-OH)
pH in solution	8.0



Solutions available in water or ethanol at a custom wt%.

Dry quantities available up to 1000 kg.

All size characteristics are measured using Brookhaven 90Plus Particle Size Analyzer. The diameter above represents the hydrodynamic diameter in solution i.e. “effective diameter”.