

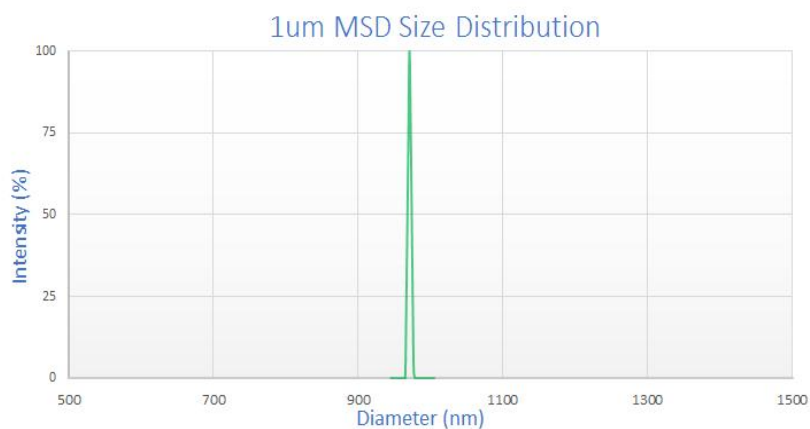
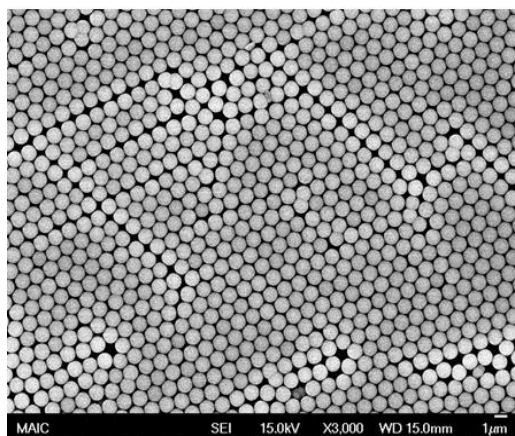


SUPERIOR SILICA

# 1 um Silica (SiO<sub>2</sub>) Microspheres

## Particle Characteristics

|                                   |                 |
|-----------------------------------|-----------------|
| Effective Diameter (nm)           | 1015.3 ± 38 nm  |
| Polydispersity Index              | 0.005           |
| Coefficient of Variation (%)      | 3.5 %           |
| 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”.