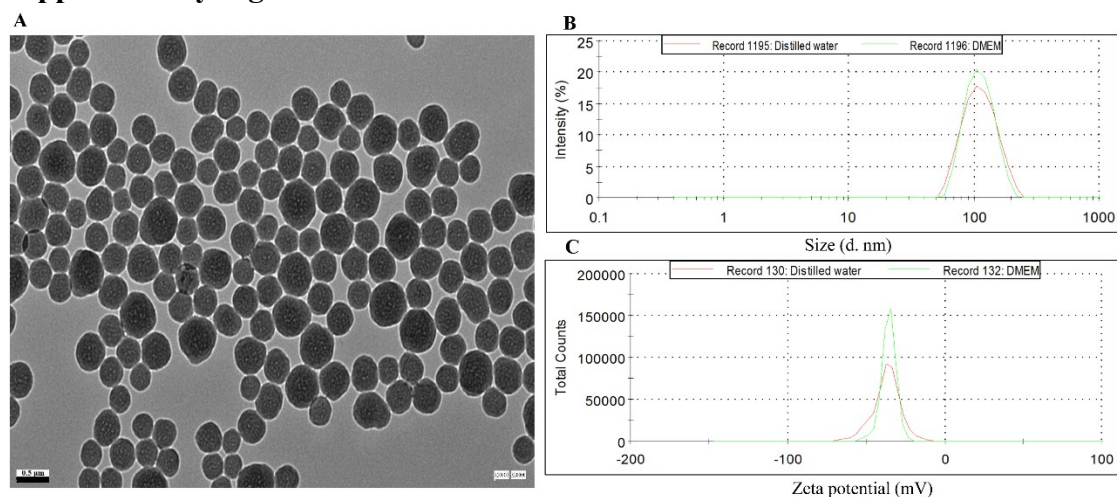


### Supplementary Figure 1



**Supplementary Figure 1.** Characterization of nanosilica. (A) The particles in TEM image appeared spherical and well dispersed with an average diameter 62 nm. (B) The hydrodynamic sizes and (C) zeta potential of nanosilica in both distilled water and serum-free DMEM. (Scale bar: 0.5 μm).