Carbon Nanotubes for Stabilization of Nanostructured Lipid Particles

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Raman spectra for dehydrated lipid particles stabilized by varying concentrations of CNTs are shown in Supplementary Fig. S1.

**Fig. S1.** Raman spectra for freeze dried lipid particles along with CNTs used to stabilize them in solution conditions.

**Small Angle X-ray Scattering**

Small angle x-ray scattering measurements (1.2-10 degrees) on dehydrated/freeze-dried samples were performed using D2 Phaser (Bruker Instruments, UK). Typical settings of 0.1mm slit and 0.1 mm knife edge distance were used to acquire 1-dimensional data (integrated using DIFFRAC.SUITE over intensity) with LYNXEYE™ detector.
Measurements were performed at ambient temperature (20 °C). Small angle x-ray scattering measurements acquired for 20 minutes each as shown in Supplementary Fig. S2.

**Fig. S2.** Small angle x-ray scattering patterns of A) dehydrated lipid, MWCNT-COOH stabilized lipid particles and surfactant stabilized lipid particles showing lamellar type of nanostructures and B) powdered CNTS.