

Electronic Supporting Information for

**Facile Preparation of Biocompatible and Transparent Silica Aerogels as Ionogels Using Choline Dihydrogen Phosphate Ionic Liquid**

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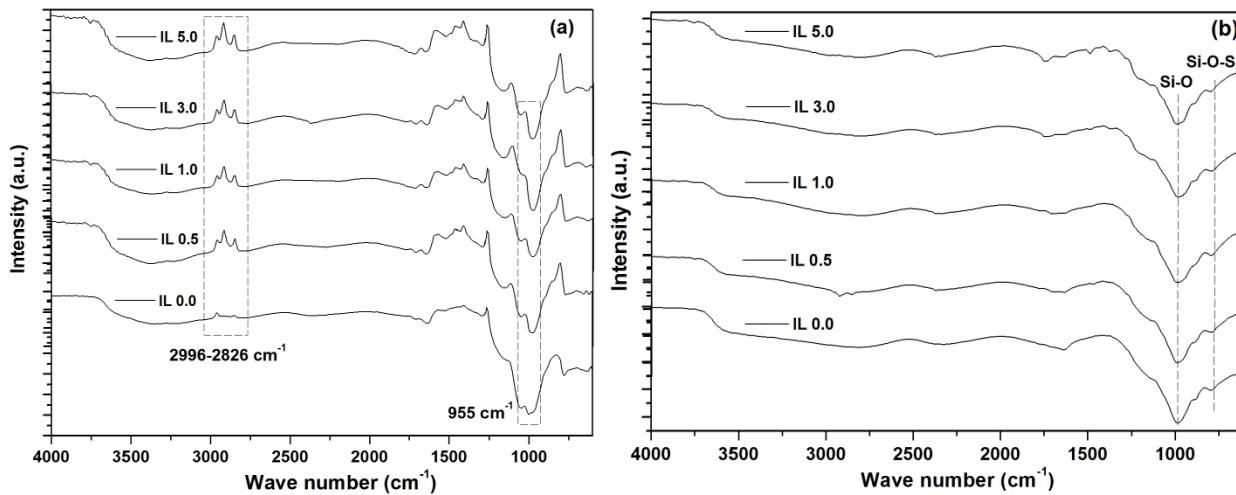
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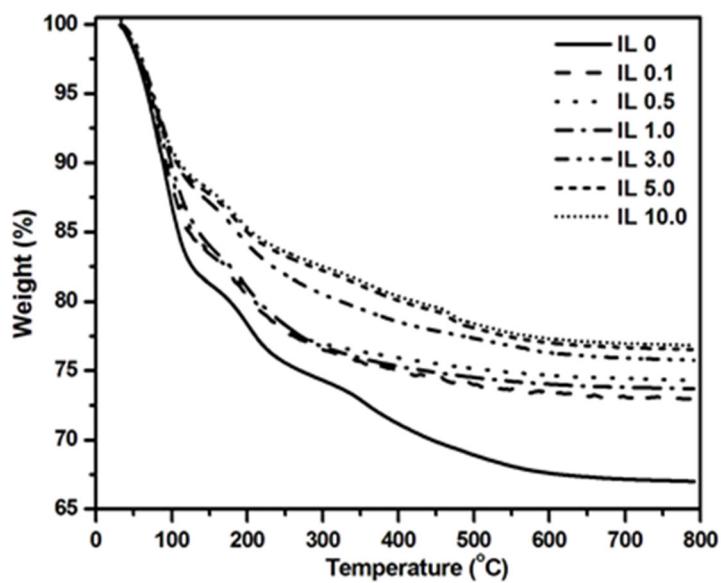
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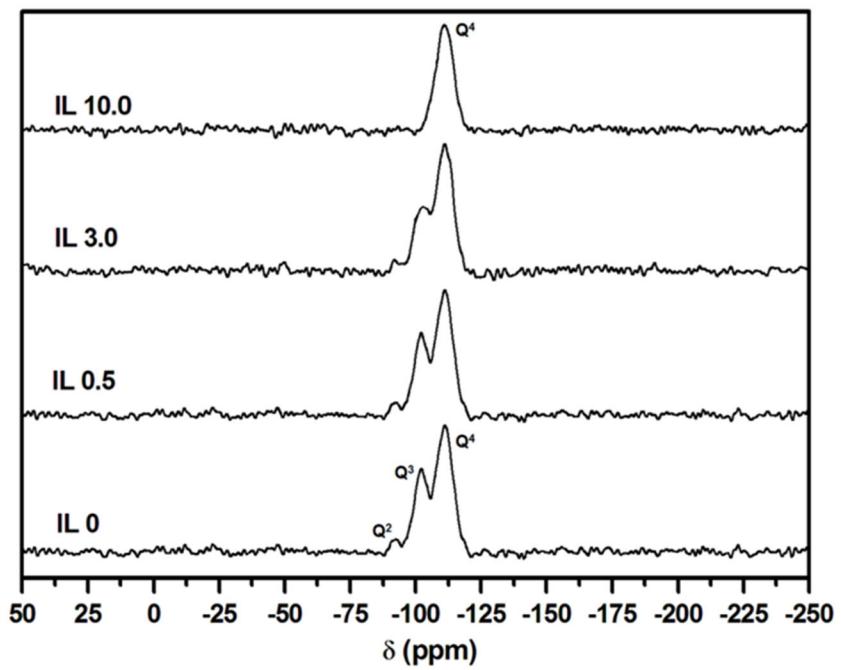
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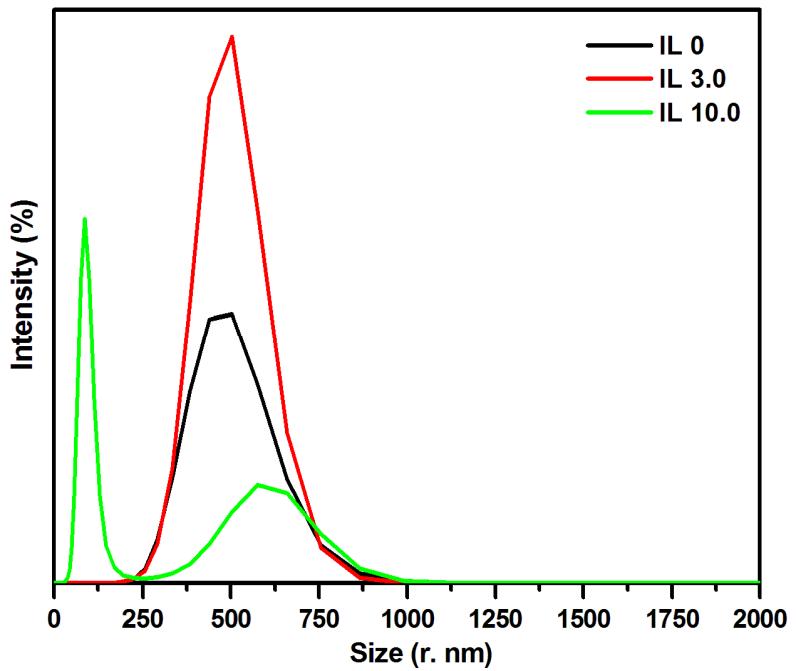
**Figure S1.** FT-IR spectra for silica ionogels: (a) wet gels, and (b) freeze dried gels.



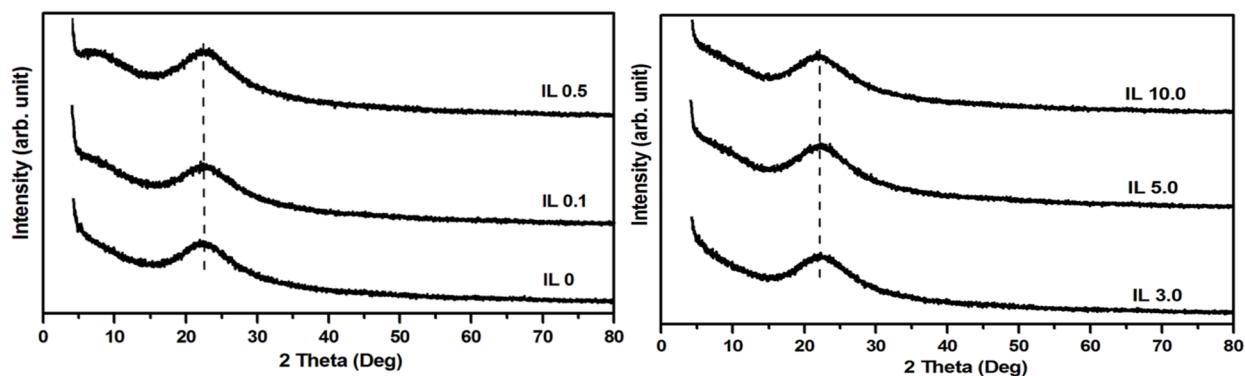
**Figure S2.** TGA traces of wet silica gels under N<sub>2</sub> atmosphere.



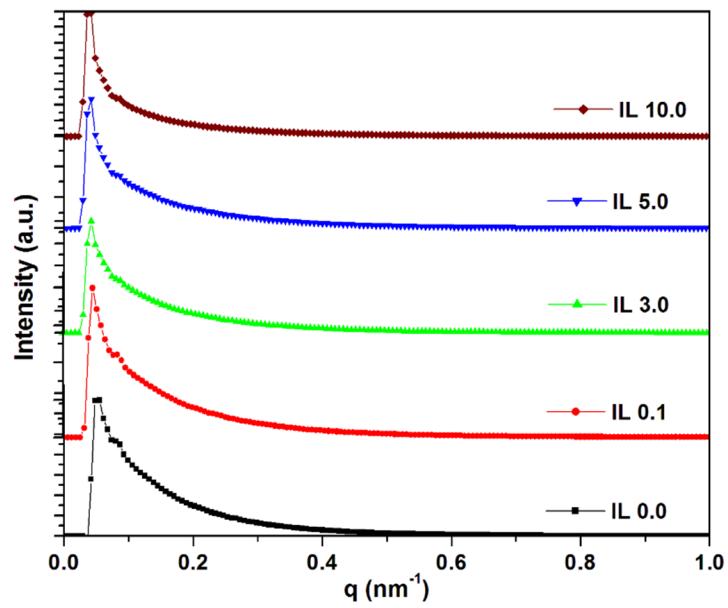
**Figure S3.** <sup>29</sup>Si solid state NMR spectra of the prepared silica ionogels.



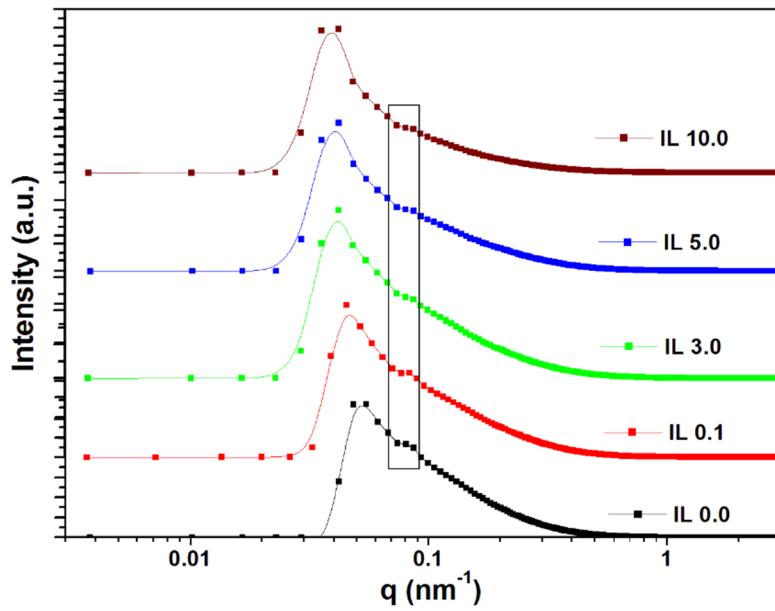
**Figure S4.** Particle size distribution plot for the prepared gels.



**Figure S5.** XRD patterns of dried silica ionogels prepared using IL.



**Figure S6.** SAXS patterns of prepared silica ionogels with various ionic liquid concentrations.



**Figure S7.** SAXS patterns of prepared silica ionogels with various ionic liquid concentrations.