

# CHEMISTRY

## A **European** Journal

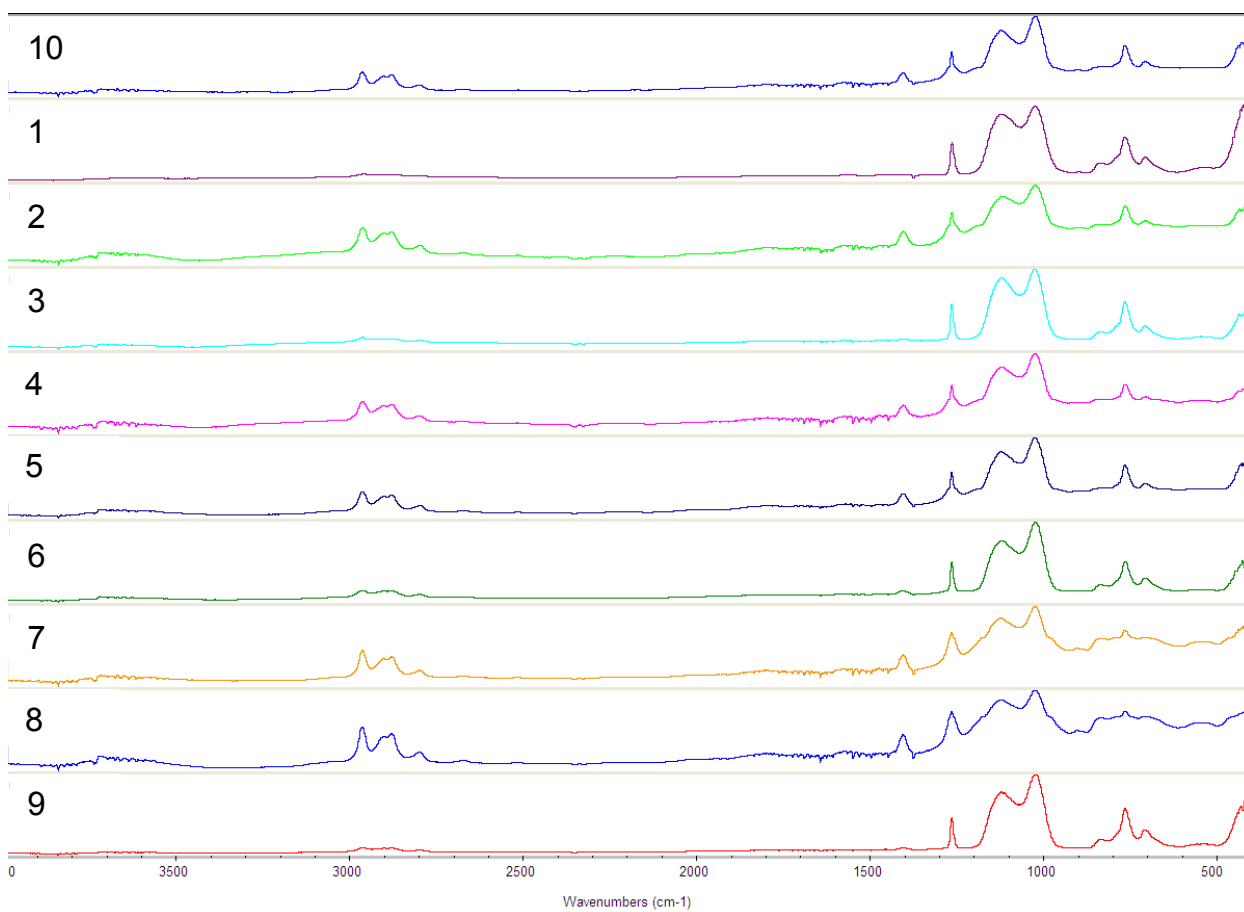
### Supporting Information

#### **High Surface Area, Thermally Stable, Hydrophobic, Microporous, Rigid Gels Generated at Ambient from MeSi(OEt)<sub>3</sub>/ (EtO)<sub>3</sub>SiCH<sub>2</sub>CH<sub>2</sub>Si(OEt)<sub>3</sub> Mixtures by F<sup>-</sup>-Catalyzed Hydrolysis**

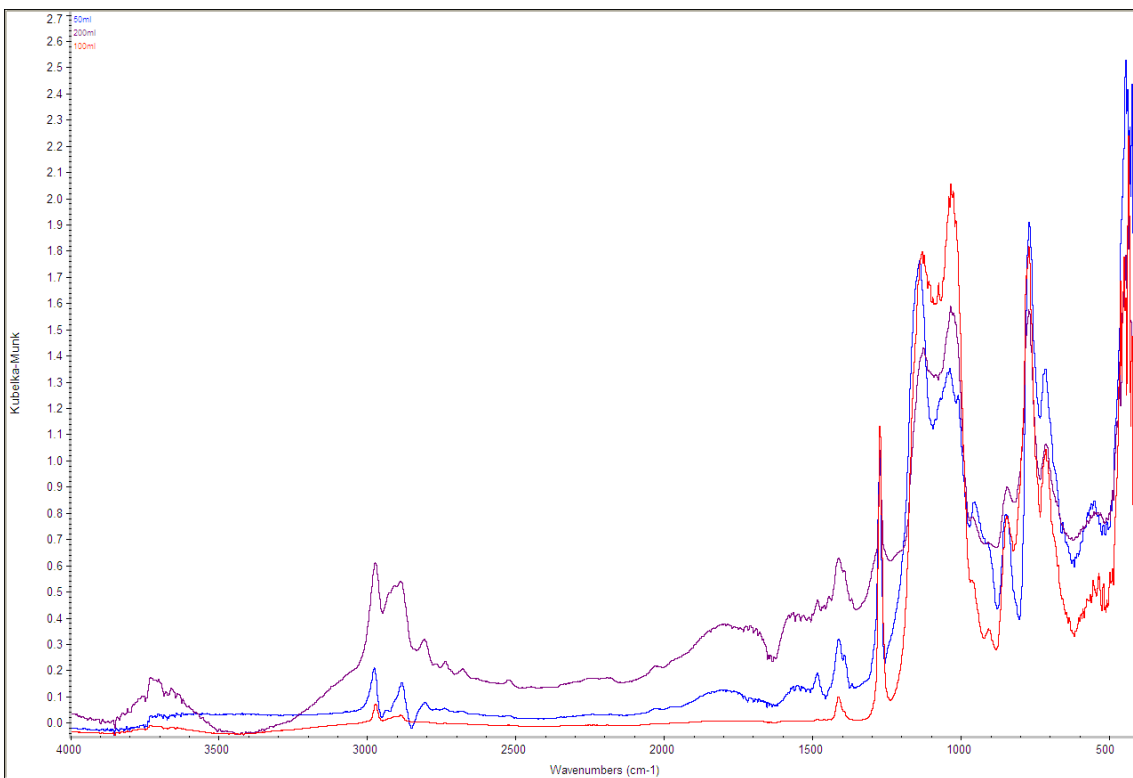
Joseph C. Furgal,<sup>\*[a, e]</sup> Honami Yamane,<sup>[b]</sup> Timothy R. Odykirk,<sup>[c]</sup> Eongyu Yi,<sup>[c]</sup> Yoshiki Chujo,<sup>[b]</sup> and Richard M. Laine<sup>\*[c, d]</sup>

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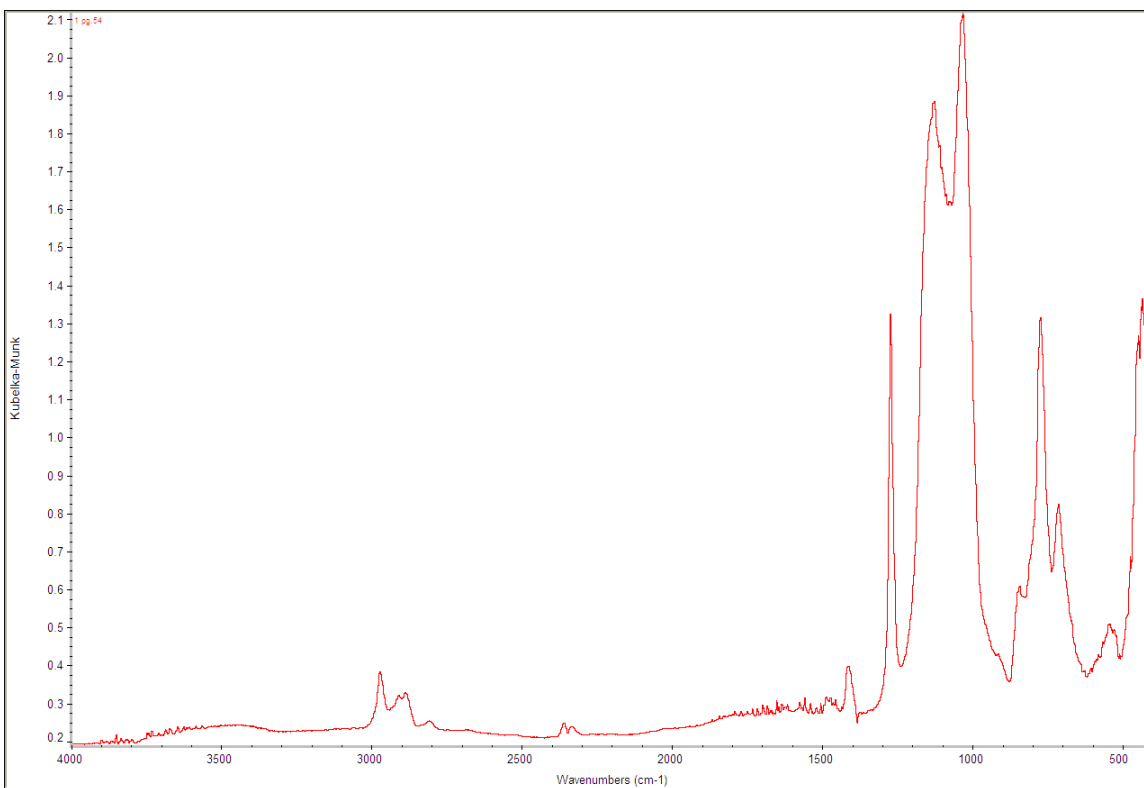
## Supporting Information



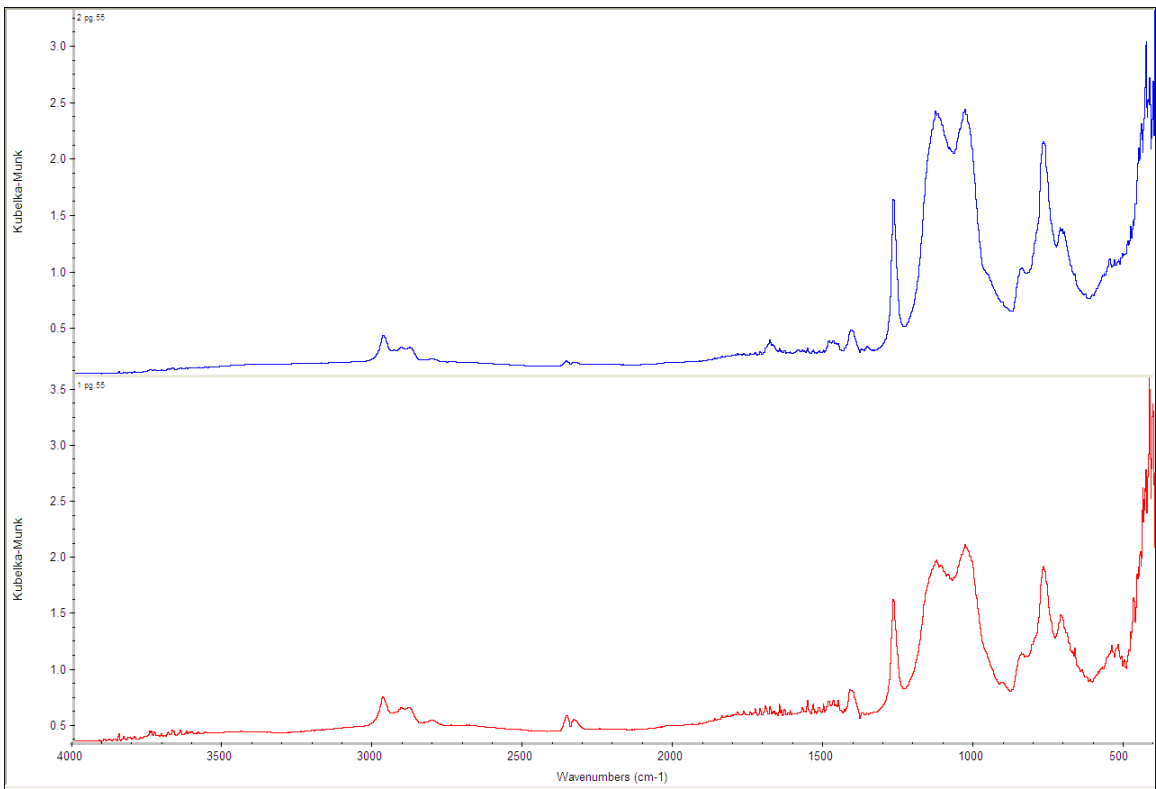
**Figure S1.** FTIR studies of dried gels from Table 1.



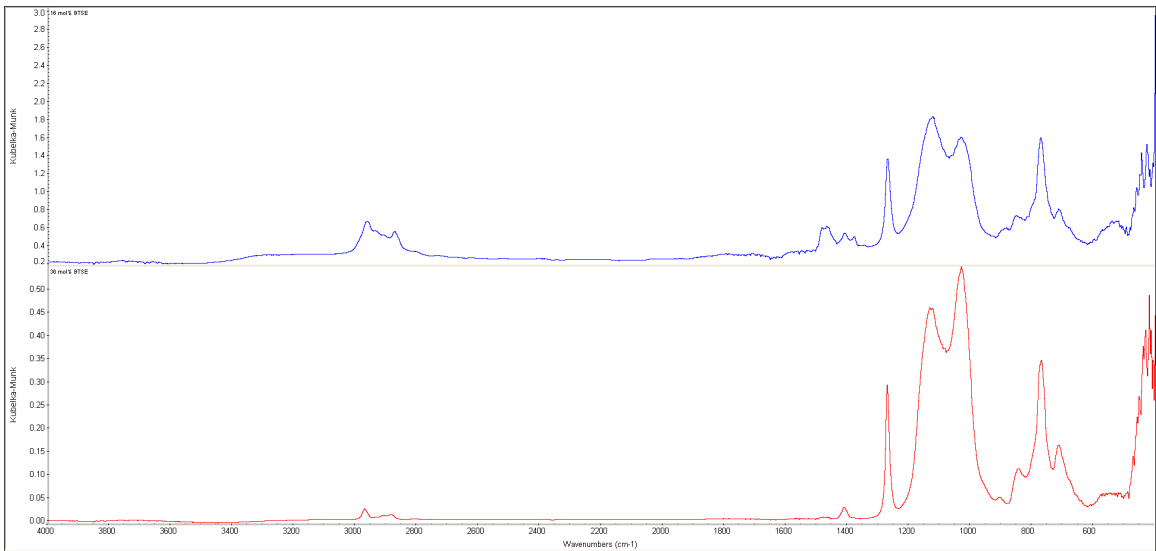
**Figure S2.** FTIR of gels 12-14 in Table 3, blue (12), red (13), purple (14).



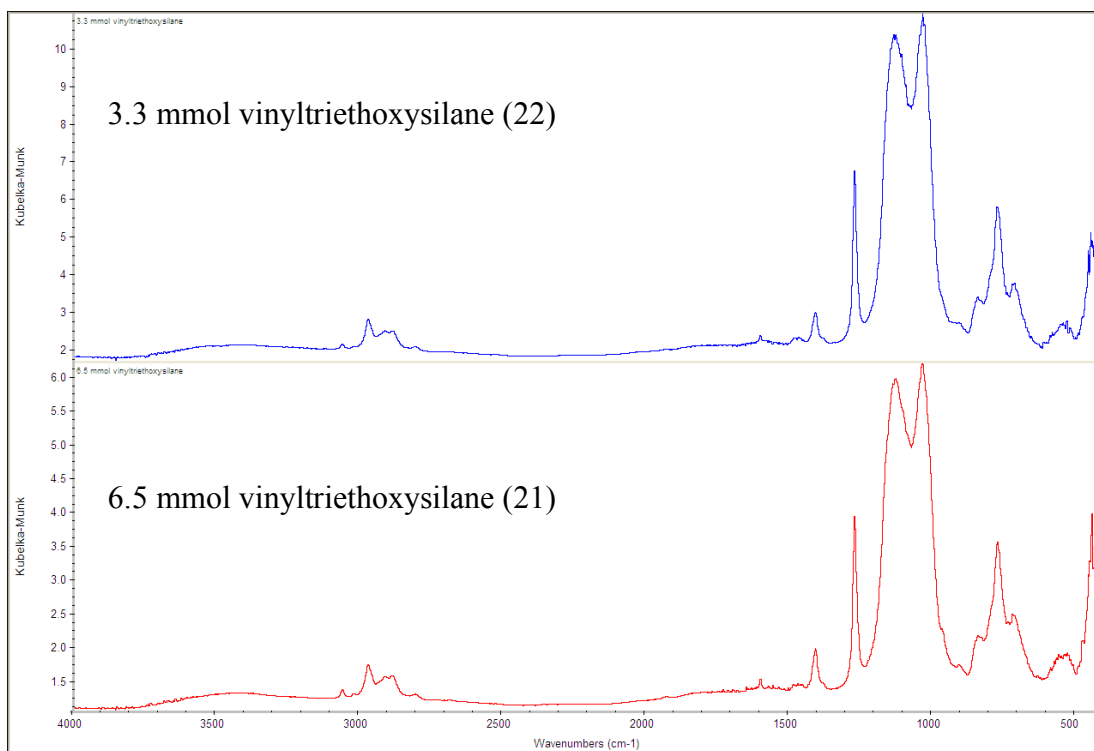
**Figure S3.** FTIR of gel (15), Table 3.



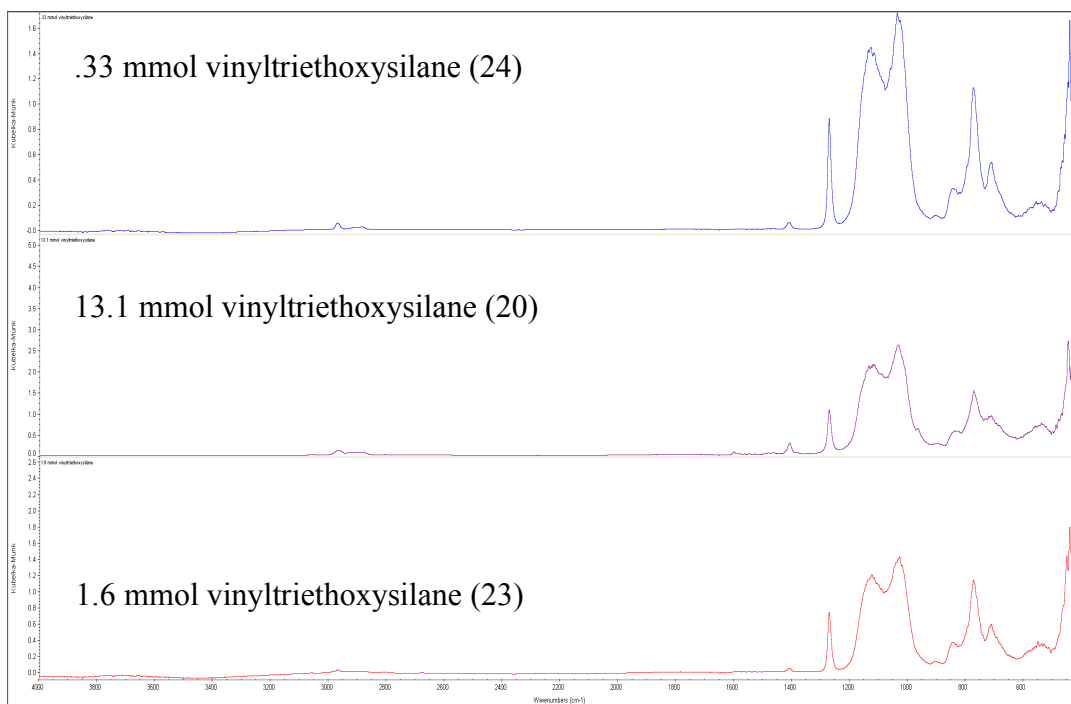
**Figure S3.** FTIR of gels 17 (blue) and,18 (red)), Table 3.



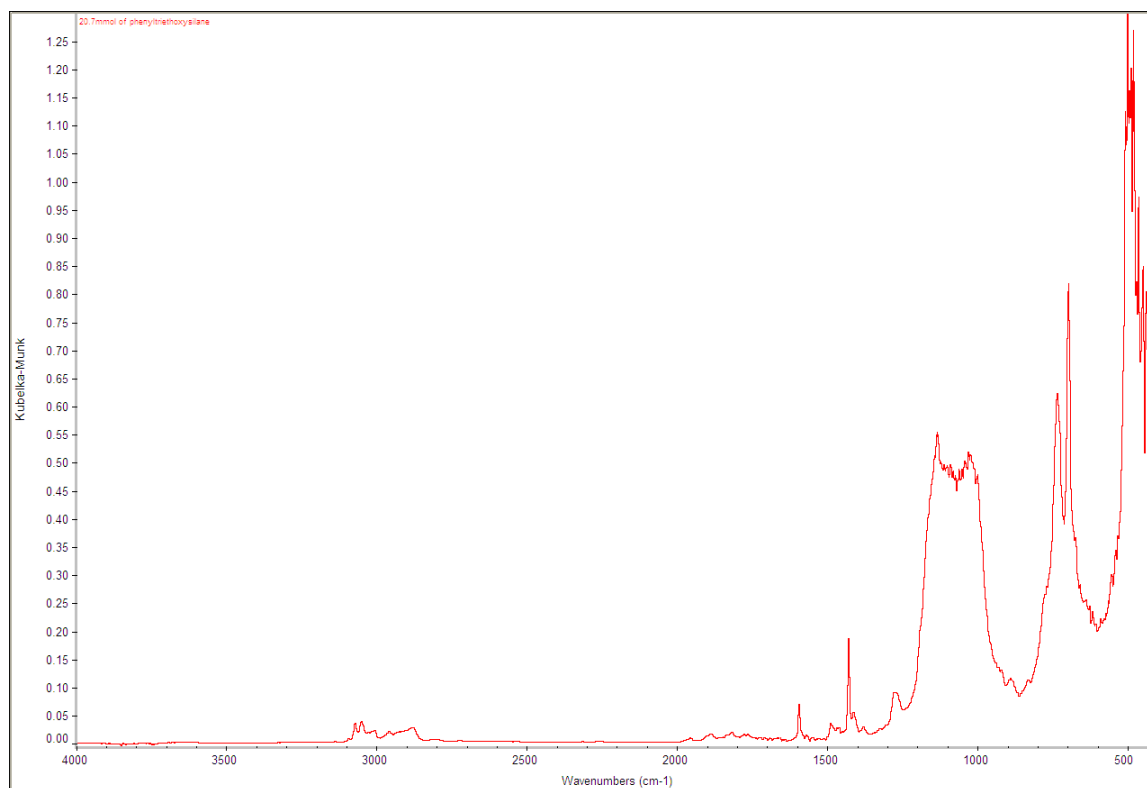
**Figure S4.** FTIR of gels 16 (blue), and 19 (red), Table 3.



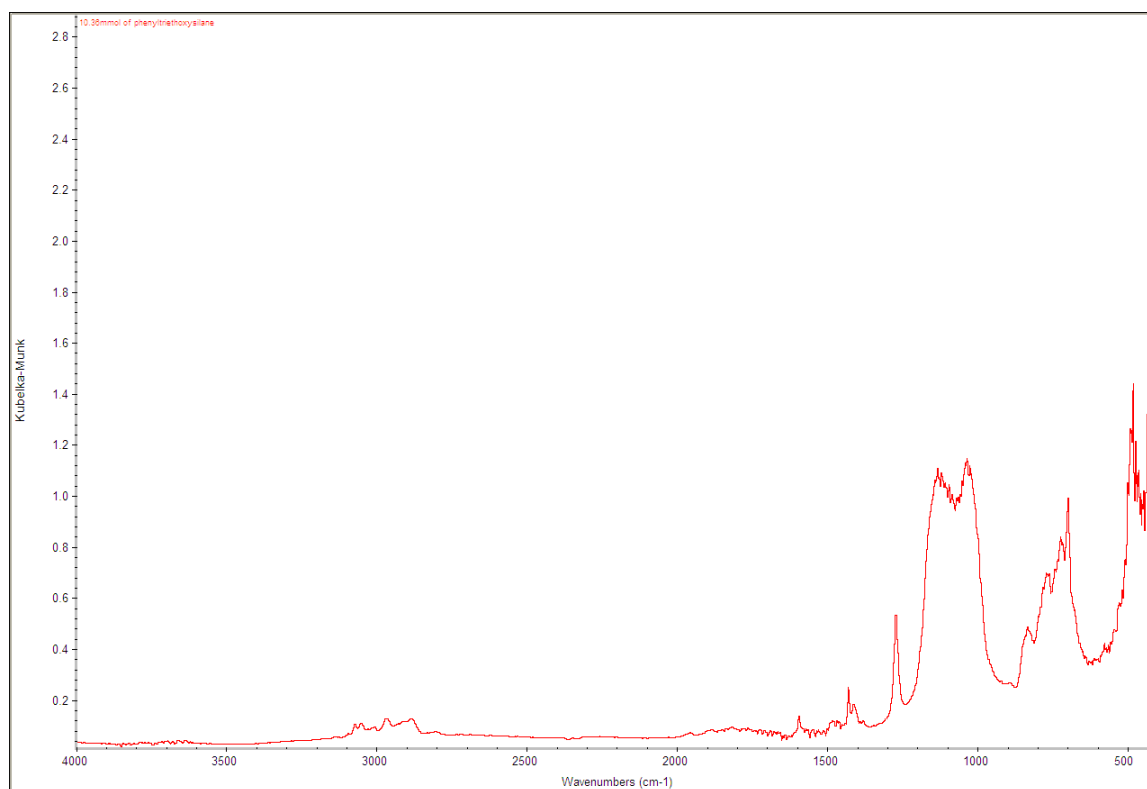
**Figure S5.** FTIR of gels 21 (red), and 22 (blue), Table 3.



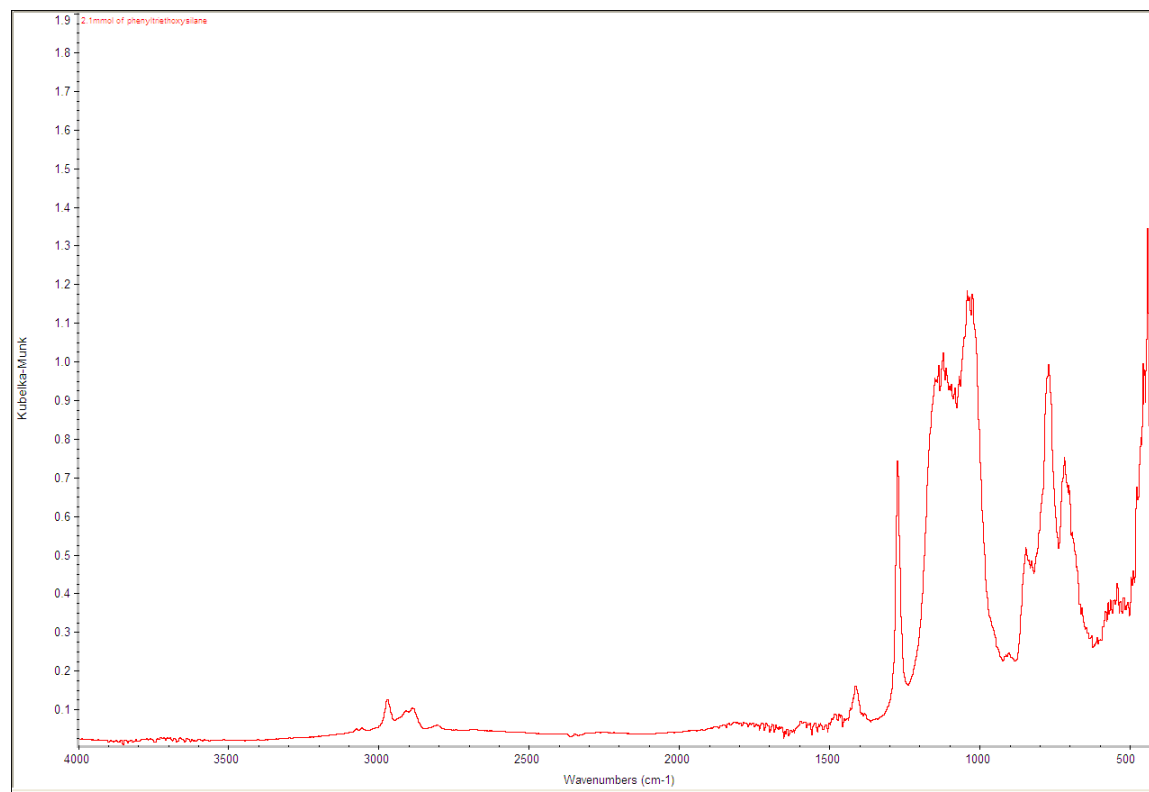
**Figure S6.** FTIR of gels 20 (purple), 23 (red), and 24 (blue), Table 3.



**Figure S7.** FTIR of gel (26), Table 3.



**Figure S8.** FTIR of gel (27), Table 3.



**Figure S9.** FTIR of gel (28), Table 3.