

Supporting Information

**Rheology of cellulose-[DBNH][CO₂Et] solutions
and shaping into aerogel beads**

Lucile Druel¹, Philipp Niemeyer², Barbara Milow², Tatiana Budtova^{1*}

¹ *MINES ParisTech, PSL Research University, Centre for Material Forming (CEMEF),*

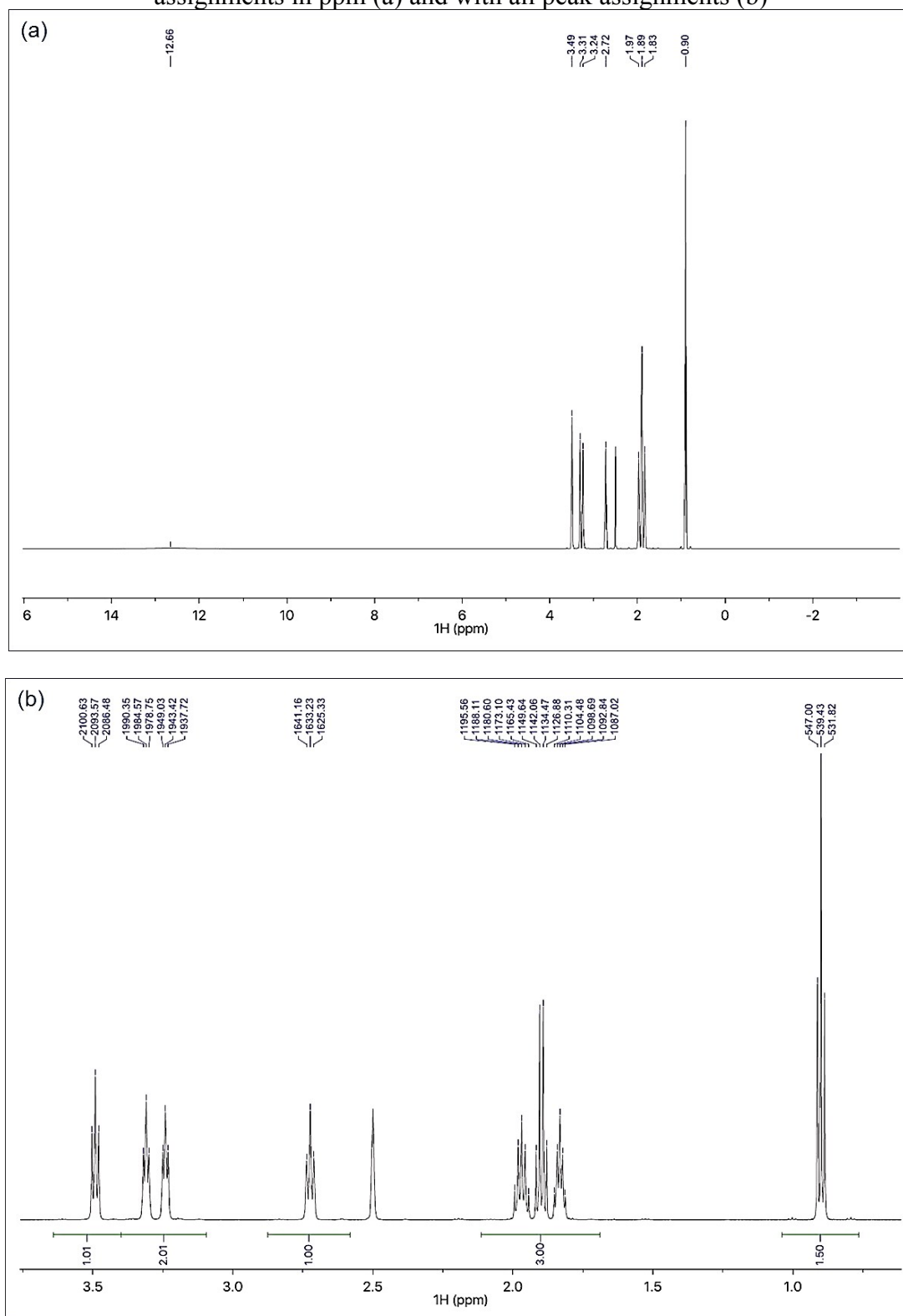
UMR CNRS 7635, CS 10207, 06904 Sophia Antipolis, France

² *Deutsches Zentrum für Luft- und Raumfahrt Institut für Werkstoff-Forschung, Abteilung*

Aerogele, Linder Höhe, 51147 Köln, Germany

Figure S1.

^1H NMR in DMSO- d_6 full (a) and expanded (b) spectra of $[\text{DBNH}][\text{CO}_2\text{Et}]$ with main peak assignments in ppm (a) and with all peak assignments (b)



^1H NMR (600 MHz, DMSO- d_6 , 27 $^\circ\text{C}$): δ 0.90 (t, J = 7.6 Hz, 3H), 1.83 (m, 2H), 1.89 (q, J = 7.6 Hz, 2H), 1.97 (m, 2H), 2.72 (t, J = 7.9 Hz, 2H), 3.24 (t, J = 5.7 Hz, 2H), 3.31 (t, J = 5.8 Hz, 2H), 3.49 (t, J = 7.1 Hz, 2H), 12.66 (br s, 1H).

Figure S2.

Pictures of the JetCutter (right) and one of the cutting tool used (bottom left)

