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Supporting Information

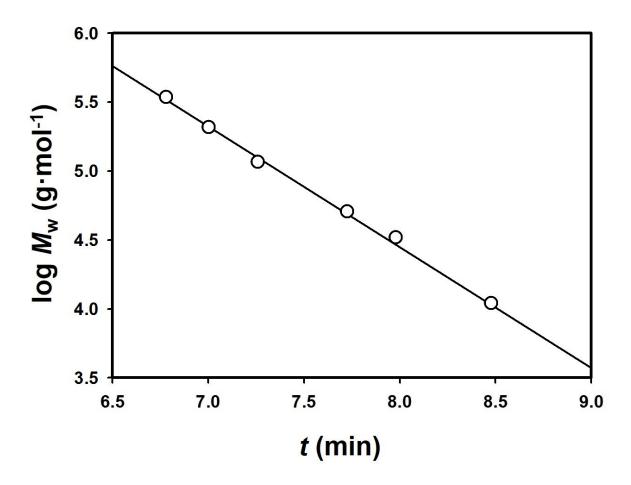


Figure S1. Dependence of molar mass on retention time for standard polysaccharide/DMAc/LiCl solutions

Table S1. Composition analysis of cellulose hydrolyzed by BmimCla

Dissolution time (h)	Cellulose (%)	Hemicellulose (%)	Lignin (%) ^b
0	95 ± 3	2 ± 2	-
24	96 ± 2	2 ± 1	-
48	96 ± 3	1 ± 1	-
72	96 ± 2	2 ± 1	-
96	97 ± 3	1 ± 3	-
120	96 ± 3	2 ± 2	-
144	95 ± 1	1 ± 1	-
168	96 ± 1	1 ± 2	-
192	97 ± 2	1 ± 2	-
216	97 ± 1	-	-
240	97 ± 2	-	-

^aAll mearsurements are an average of triplicate samples.

^bLignin was not detected in all samples.