Supporting Information

Pushing the frontiers: Boron-11 NMR as a Method for Quantitative Boron Analysis and its Application to Determine Boric Acid in Commercial Biocides

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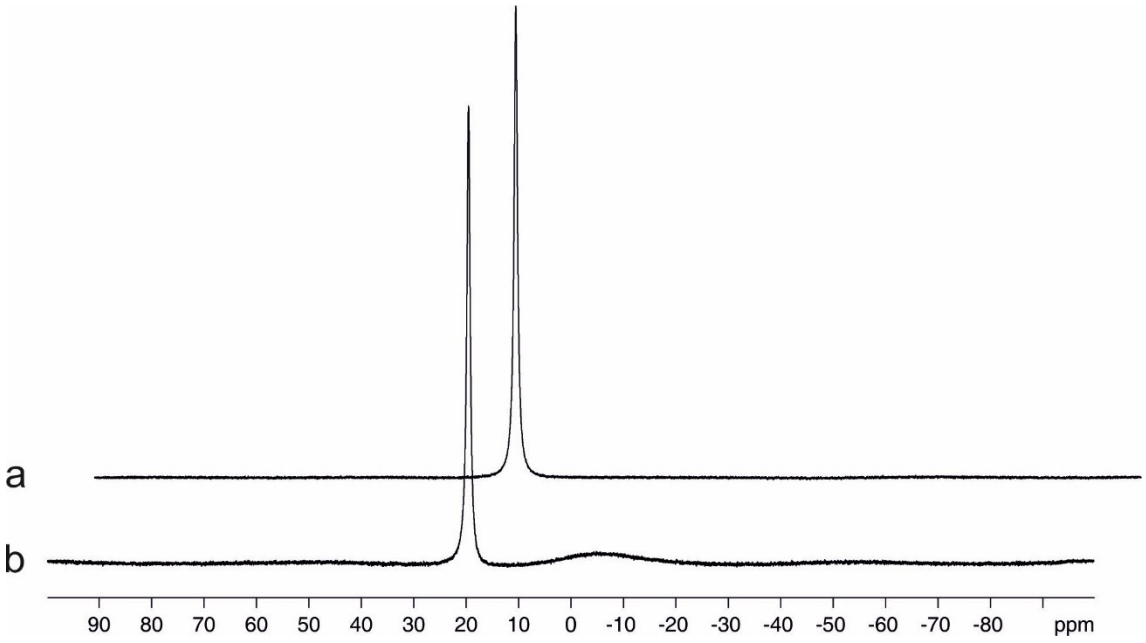

Figure S1. ^{11}B qNMR spectra (96.294 MHz) measured in D_2O of a commercial biocide using a) quartz and b) standard 5 mm NMR tubes.

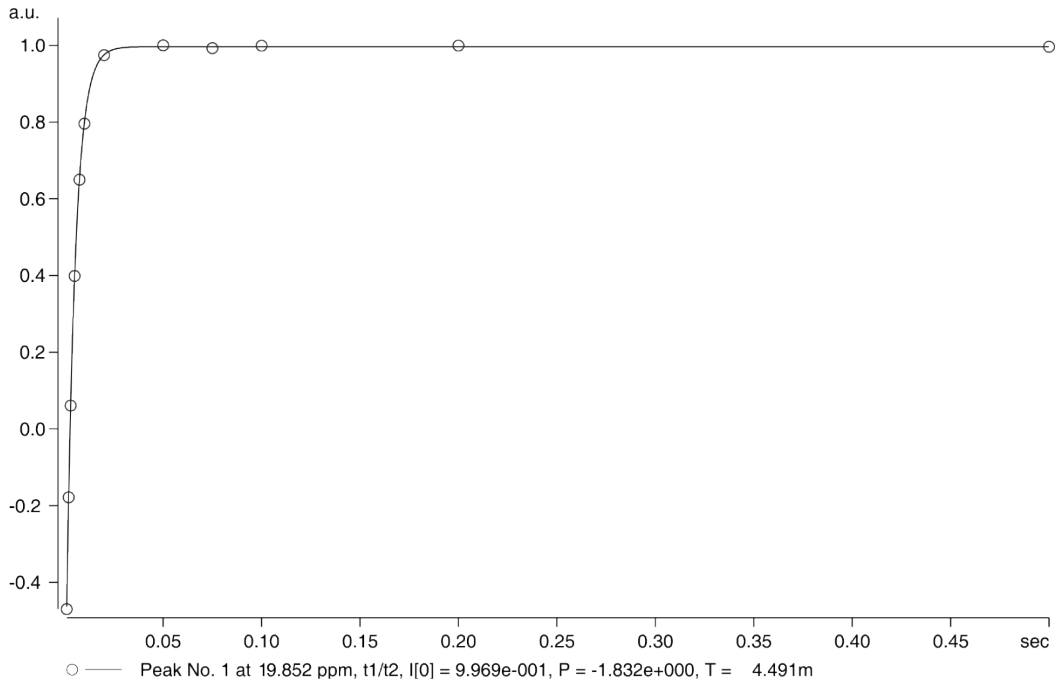

Figure S2. ^{11}B T1 inversion-recovery experiment (294 K, 96.294 MHz) of boric acid in D_2O at a concentration of 1.0 % (w/w).

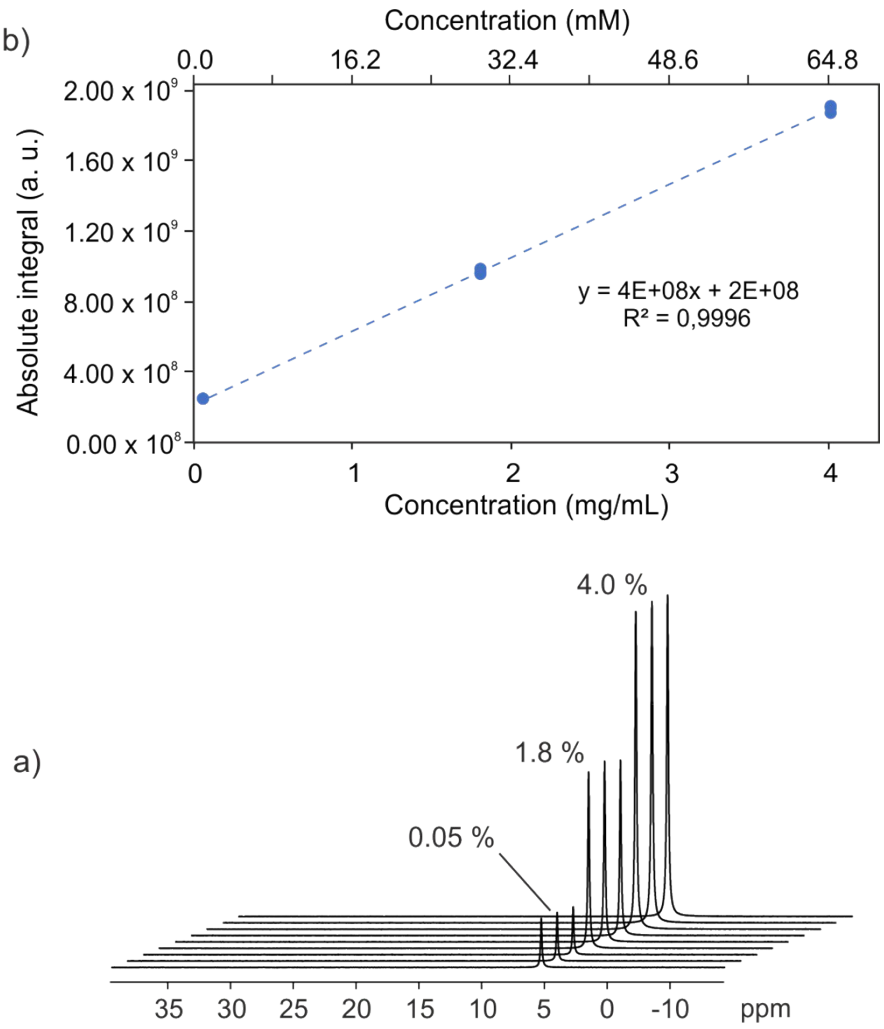

Figure S3. a) ^{11}B NMR spectra (96.294 MHz) of borax solutions in D2O at 294 K at pH 13. Experimental time of each spectrum of 50 seconds; b) Calibration curve stack plot of borax solutions in pure D2O at pH 13. Values coming from three replicates are shown.