

Supporting information

Single Step Production of Bioethanol from the Seaweed *Ulva rigida* using Sonication

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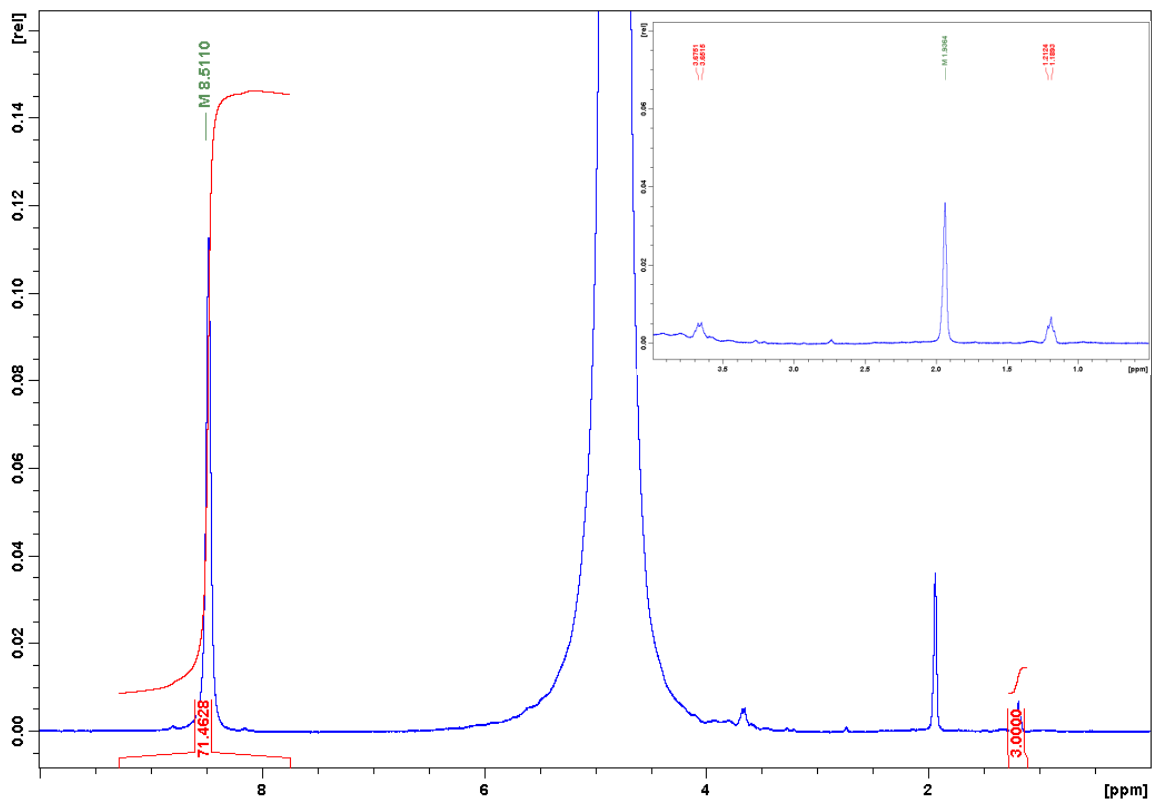


Fig. S1. ¹H NMR spectrum of the aliquot of sample collected from the fermentation (SHF) broth under incubation at 120 min

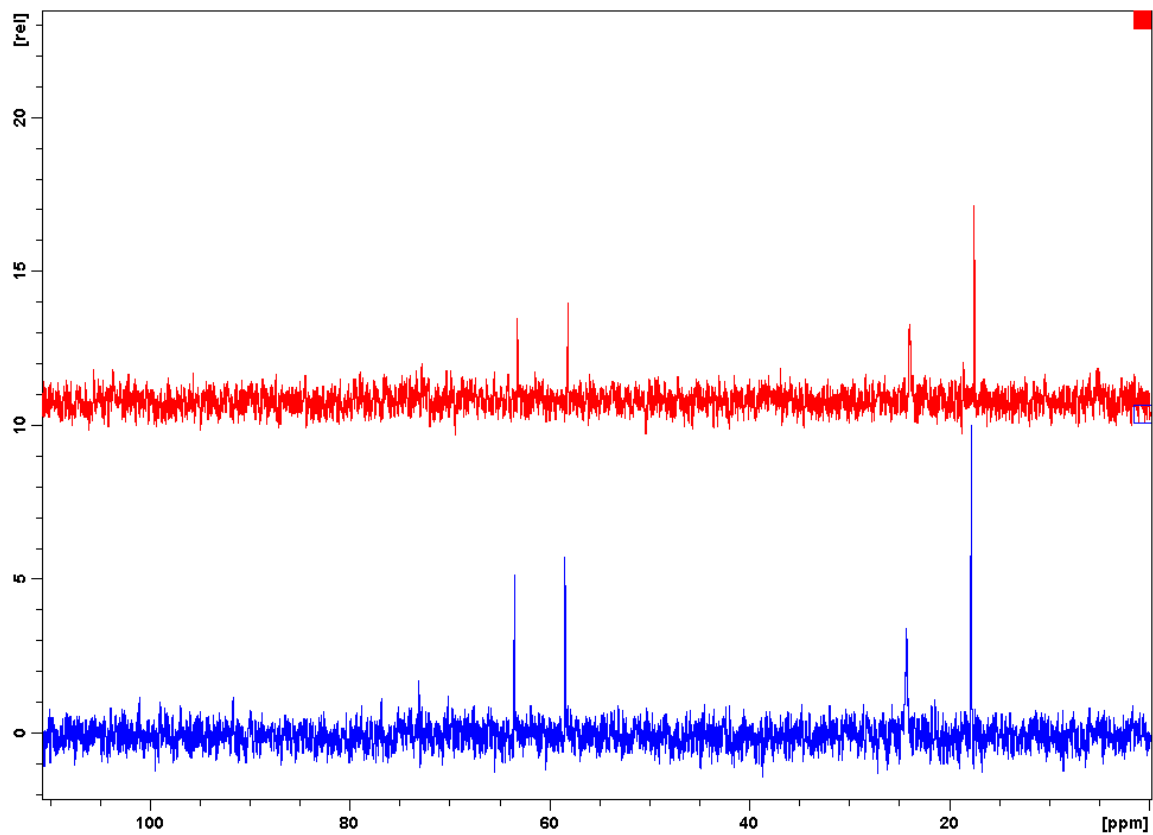


Fig. S2. ¹³C NMR spectra of aliquots of samples from the fermentation broth at 180 min (a) under sonication and (b) under incubation at 37 °C [peaks at 63.4 and 72.8 indicate the formation of secondary metabolite, glycerol in addition to ethanol]