

## *Supplementary Materials*

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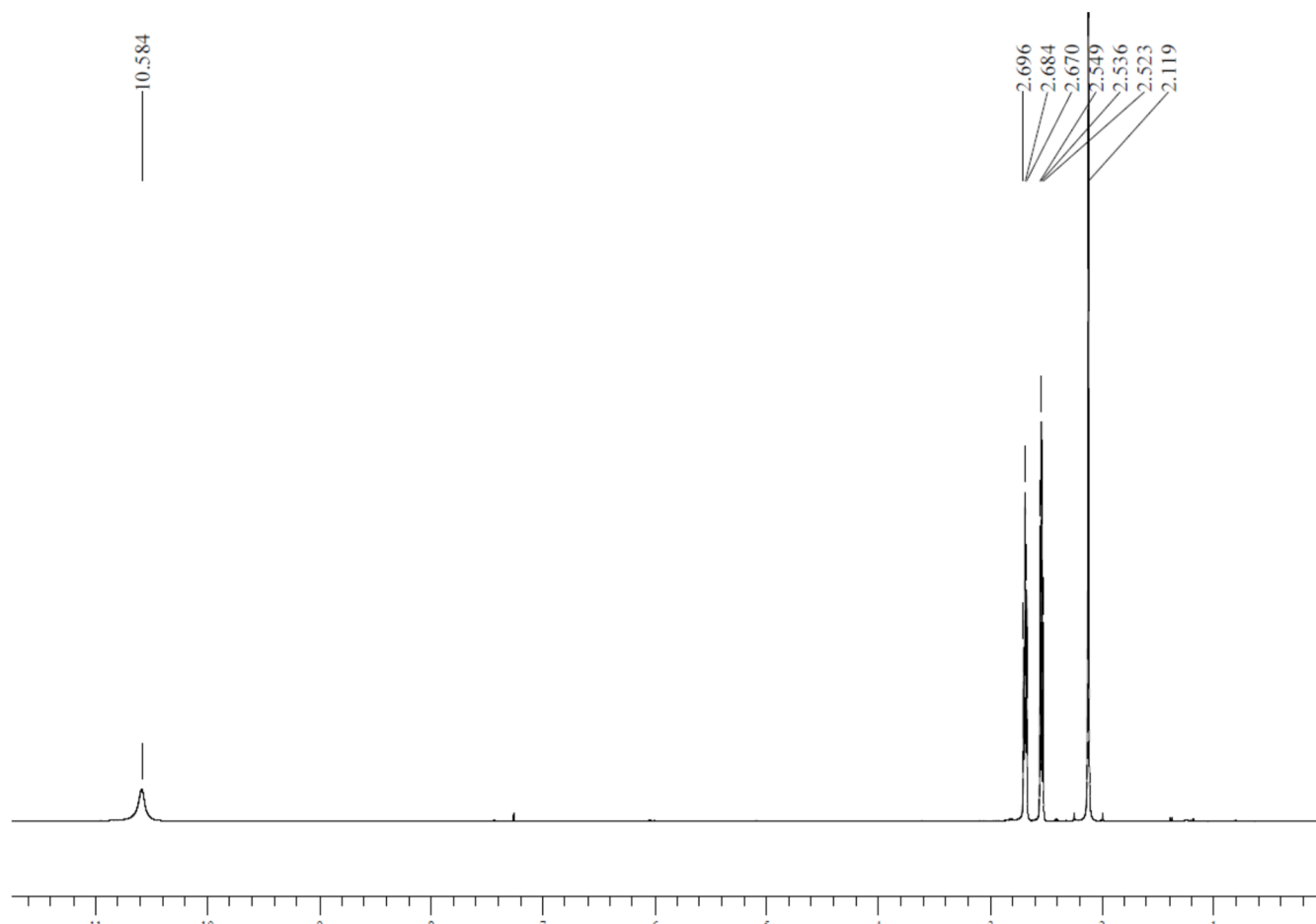


Figure S1.  $^1\text{H}$ -NMR (500 MHz, in  $\text{CDCl}_3$ ) of levulinic acid

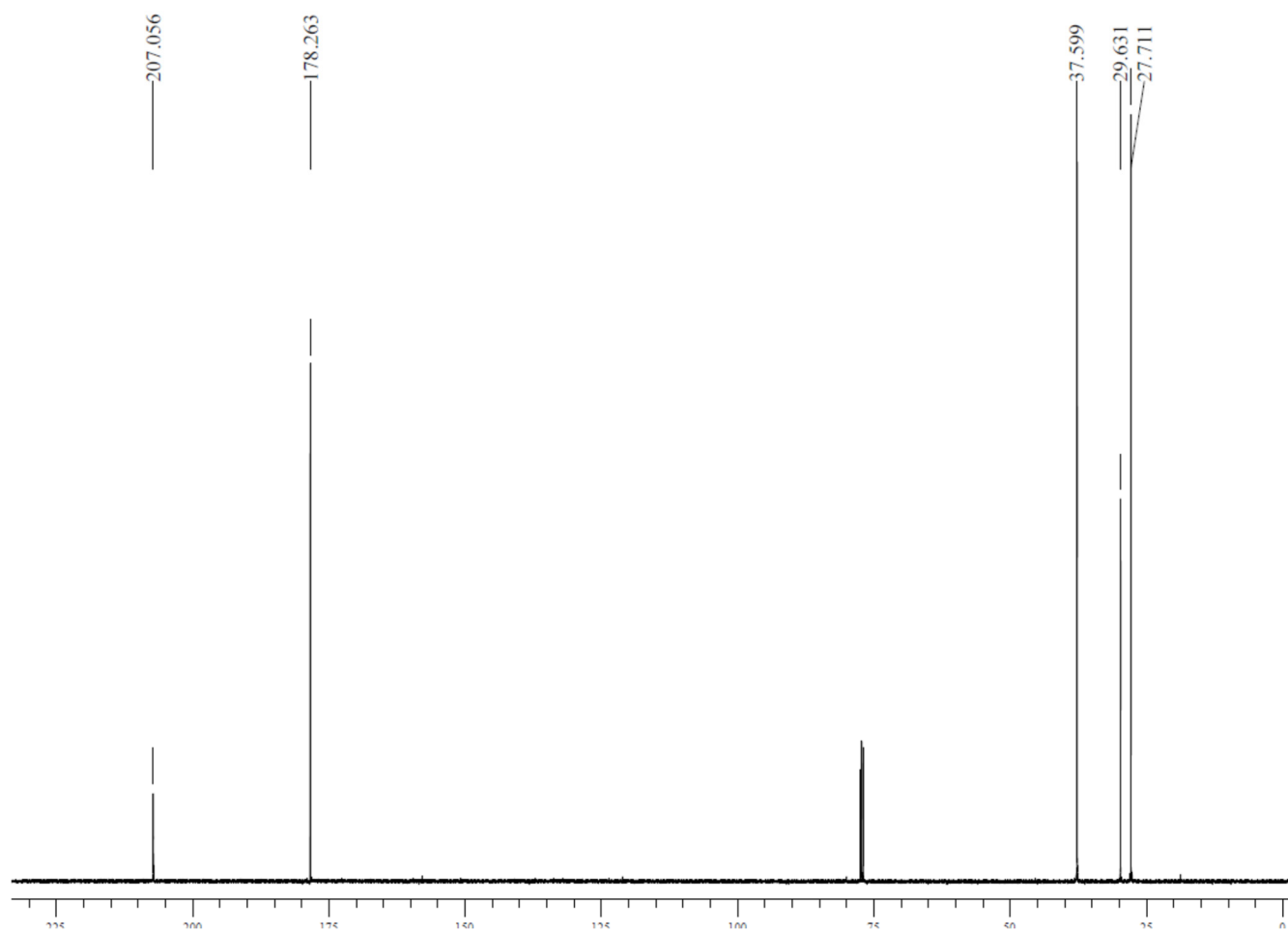
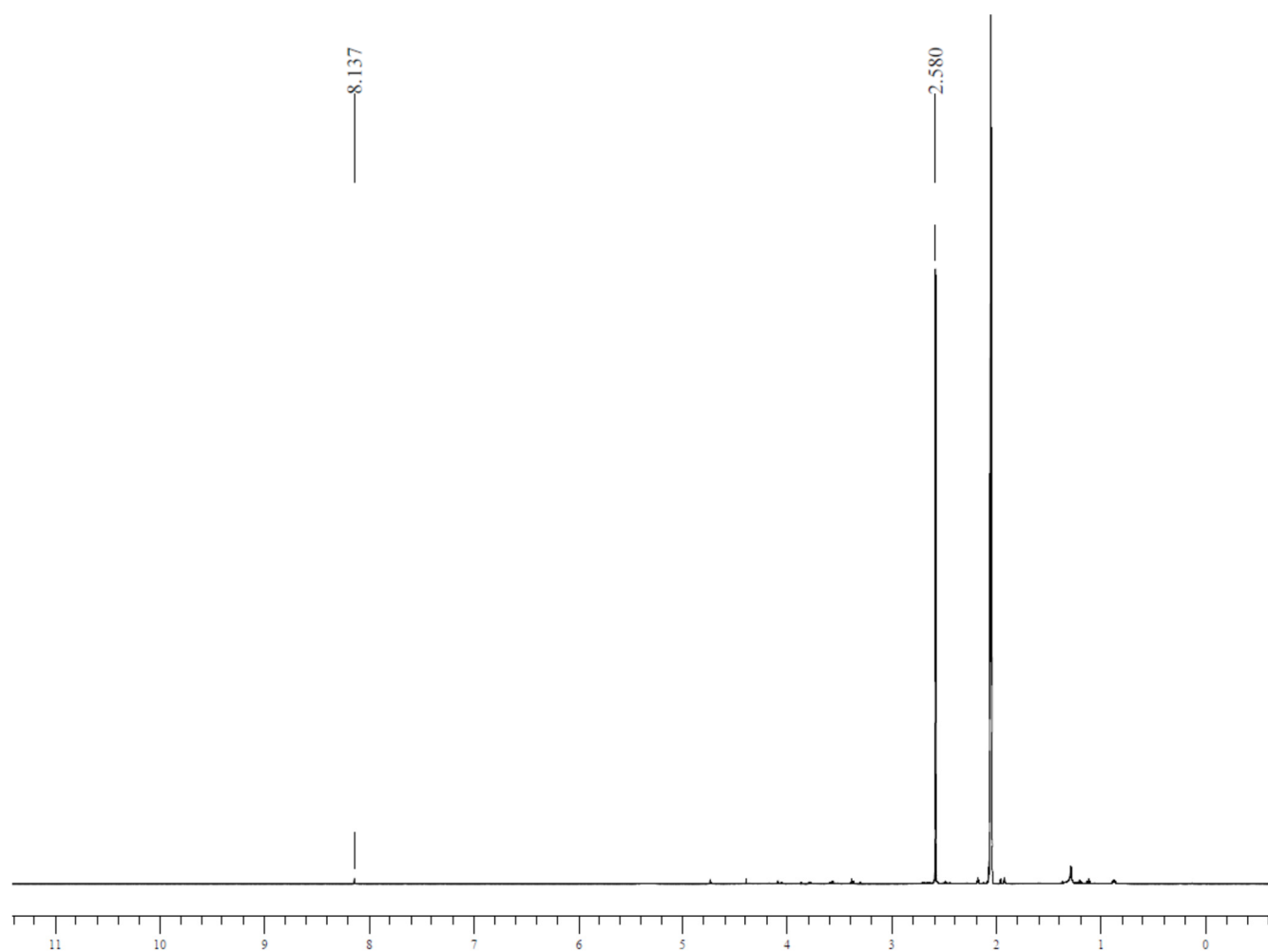


Figure S2.  $^{13}\text{C}$ -NMR (125 MHz, in  $\text{CDCl}_3$ ) of levulinic acid



*Figure S3.*  $^1\text{H}$ -NMR (500 MHz, in  $\text{Acetone-d}_6$ ) of succinic acid

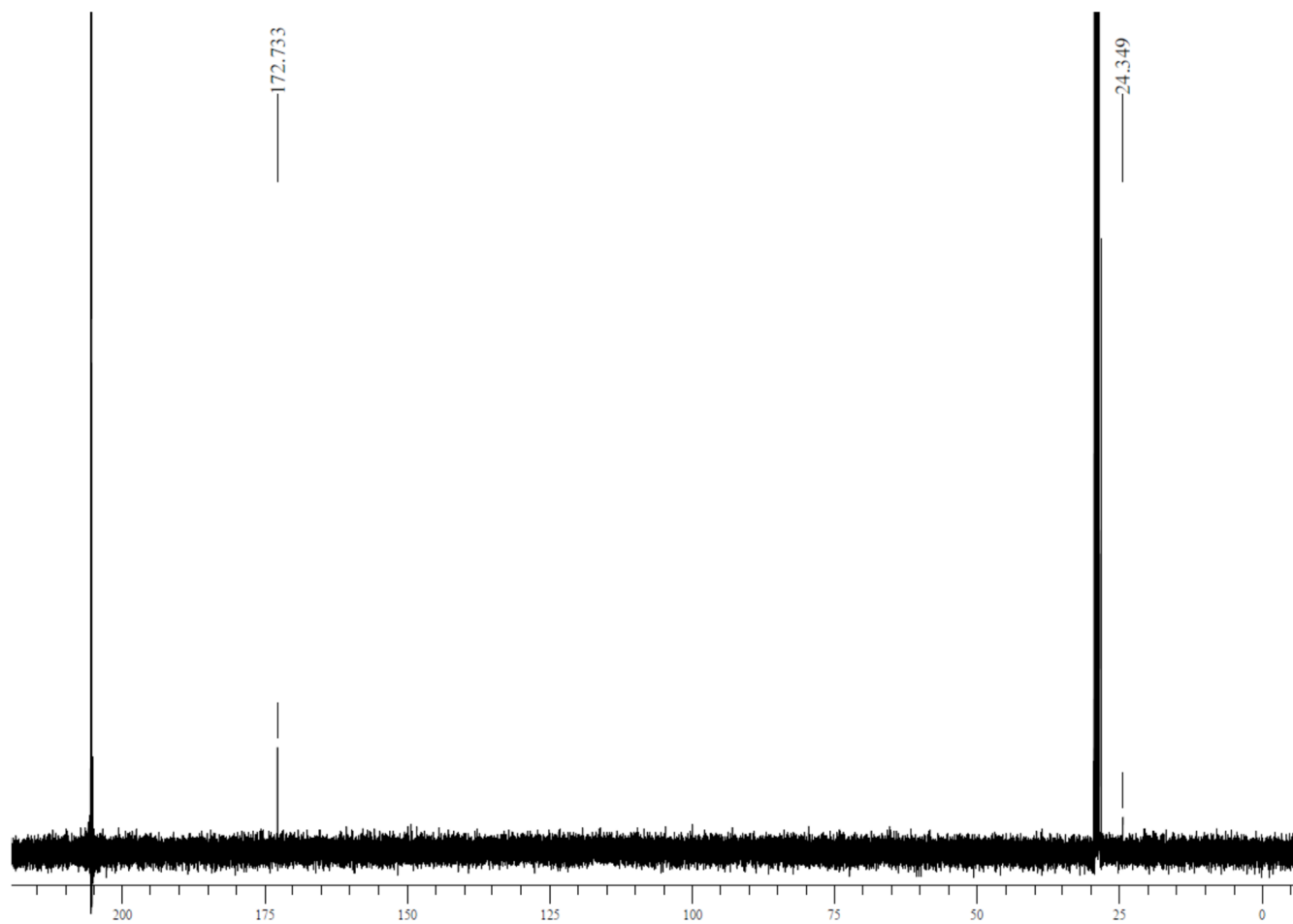
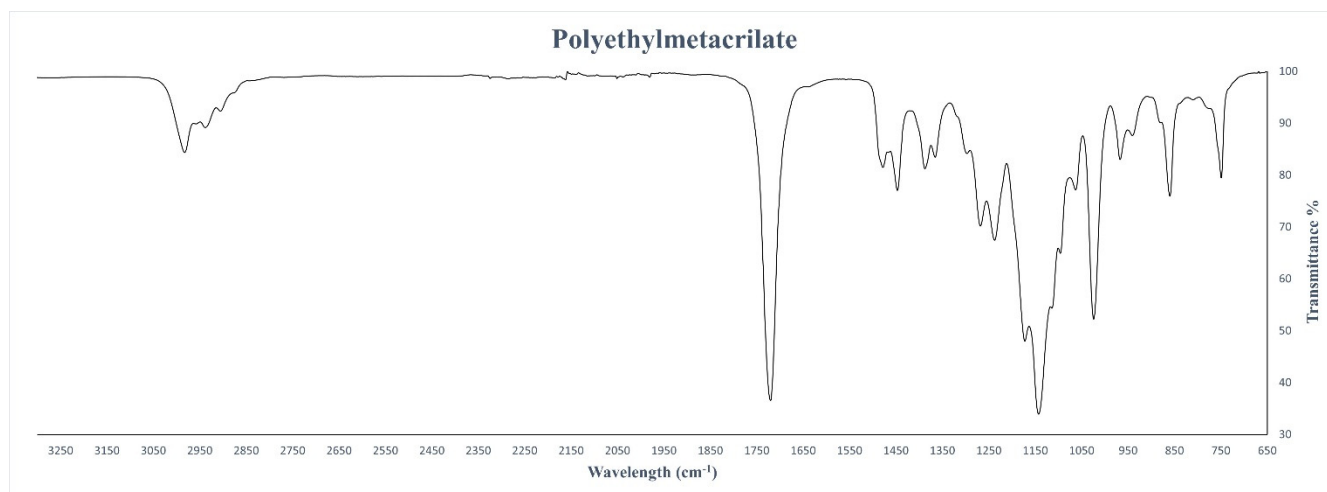


Figure S4.  $^{13}\text{C}$ -NMR (125 MHz, in Acetone  $d_6$ ) of succinic acid



*Figure S5.* FTIR-ATR spectrum of polymer of polyethylmetacrilate