Investigation of Spontaneous Emulsification and its Relevance in Biodiesel Synthesis

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 $Triglyceride + Methanol \xleftarrow{KOH} Diglyceride + Biodiesel$ $Diglyceride + Methanol \xleftarrow{KOH} Monoglyceride + Biodiesel$ $Monoglyceride + Methanol \xleftarrow{KOH} Glycerol + Biodiesel$

Fig. S1. Transesterification reaction.

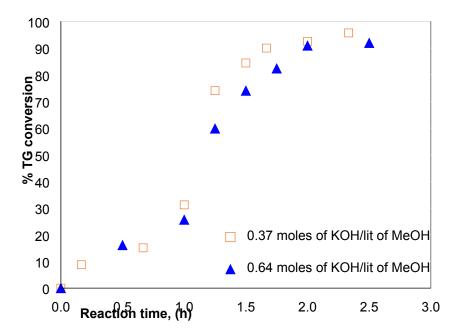


Fig S2 Effect of catalyst loading on spontaneous emulsion. Agitation speed: 100 rpm; methanol to oil mole ratio: 6:1; temperature: 60 °C