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Supplementary material to

THE EFFECT OF VACUUM PROCESS ON BIODIESEL PRODUCTION FROM PALM KERNEL FATTY ACID DISTILLATE

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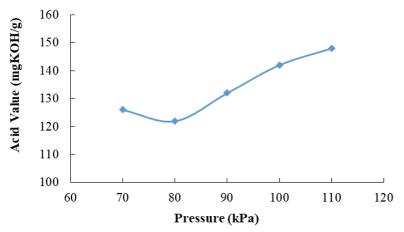


Figure S1. Operating pressure effect on acid value at a molar ratio of 10:1, temperature of 50 °C, and reaction time of 120 minutes.

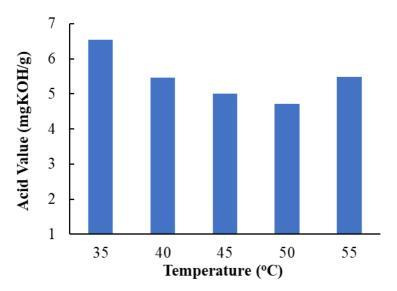


Figure S2. Effect of reaction temperature on acid value at a molar ratio of 10:1, operating pressure of 80 kPa, catalyst concentration of 25%, and reaction time of 120 minutes.