Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2017

List of supplementary data

Fig. S1. GC-FID Chromatogram of hydrocarbon standard and deoxygenated liquid product. Fig. S2. (a) TPD-CO₂ and (b) TPD-NH₃ profile for CaO and TMO-doped CaO catalysts Fig. S3. FTIR spectra of triolein and deoxygenated liquid products for both blank and different catalysed reaction



Fig. S1. GC-FID Chromatogram of hydrocarbon standard and deoxygenated liquid product.



Fig. S2. (a) TPD-CO $_2$ and (b) TPD-NH $_3$ profile for CaO and TMO-doped CaO catalysts

Fig. S3. FTIR spectra of triolein and deoxygenated liquid products for both blank and different catalysed reaction

