

## Utilization of byproducts in biodiesel production in supercritical fluids

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Byproducts occurred in the synthesis of biodiesel fuel their utilization were investigated. The byproducts was characterized and quantified by mass analysis and spectrometric analyses. The formation of byproducts was affected by reaction temperature and time. The separation and utilization of the byproducts in supercritical fluid was also studied. Experimental results showed that the byproducts can be converted to valuable materials using supercritical fluids.