**Production of Biodiesel from *Croton gratissimus* Oil using Sulphated Zirconia and KOH as Catalysts**

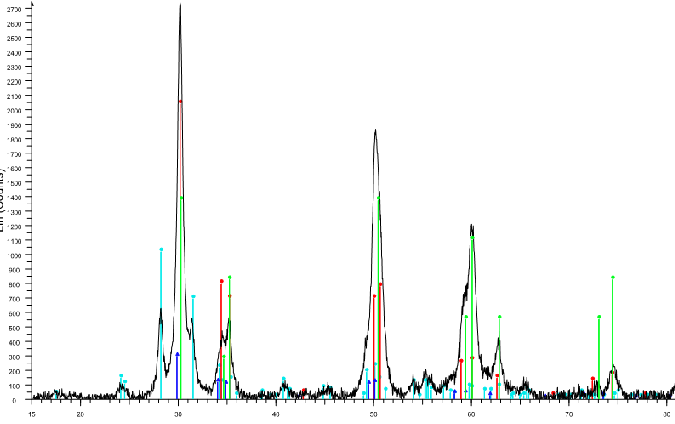
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**Supplemental Materials**



2700

2400

2100

1800

1500

1200

900

600

300

0

Lin (Counts)

**M**

**M**

**T**

**M**

**T**

**T**

**T**

**M**

**M**

**M**

**T**

**M**

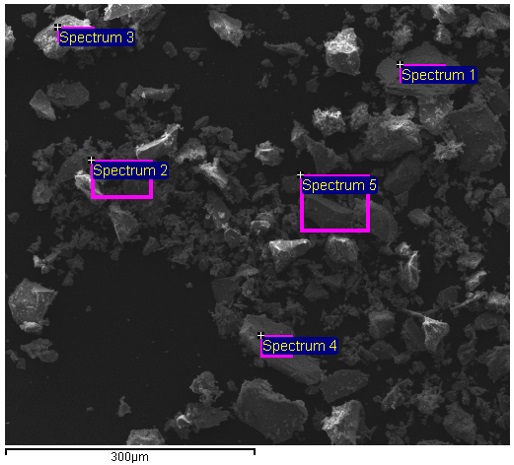
**M**

**T**

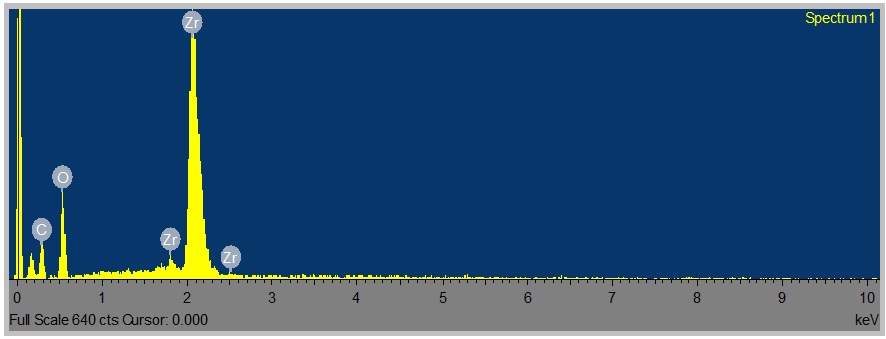
**T**

**M**

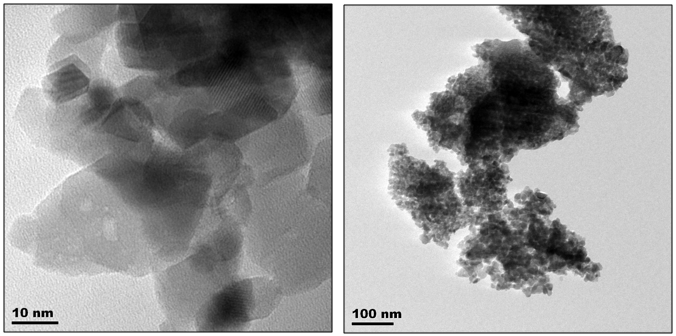
**Fig. S1:** X-ray diffraction profiles of the SO42–/ZrO2 catalyst calcined at 620 0C. **M** – Monoclinic Phase – **Powder Blue;** Orthorhombic Phase – **Light Green**; **T** – Tetragonal Phase – **Red**  (No match to the reference pattern)



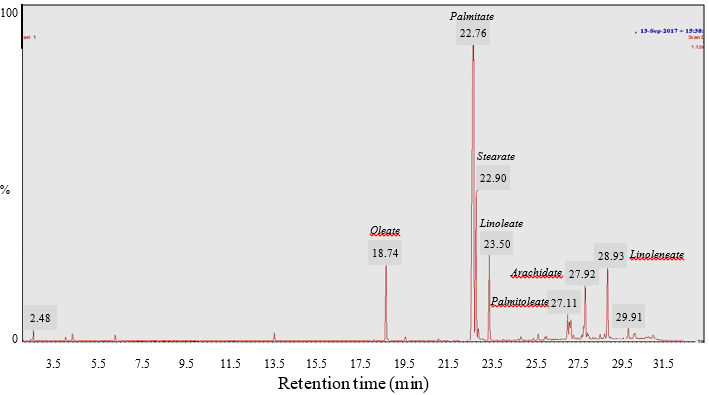
**Fig. S2:** SEM micrograph of SO42–/ZrO2 catalyst calcined at 6200C



**Fig. S3:** SEM – EDS Spectra for the Elemental Composition of the SO42–/ZrO2 catalyst



**Fig. S4:** TEM Micrographs of the Monoclinic SO42–/ZrO2 catalyst



**Fig. S5:** GC-MS Spectrum for *Croton gratissimus* FAME