

## SUPPLEMENTARY MATERIAL

### **Esterification of acetic acid with n-butanol using vanadium oxides supported on $\gamma$ -alumina**

### **Estérification de l'acide acétique avec le n-butanol en présence d'oxydes de vanadium supportés sur $\gamma$ -alumine**

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**Fig. S1.** SEM micrographs of the vanadium-containing samples before and after the catalytic test: (a) – fresh 5V-Al<sub>2</sub>O<sub>3</sub>; (b) – used 5V-Al<sub>2</sub>O<sub>3</sub>; (c) – fresh 10V-Al<sub>2</sub>O<sub>3</sub>; (d) – used 10V-Al<sub>2</sub>O<sub>3</sub>.

