

**Studies on continuous selective hydrogenolysis of glycerol over supported Cu-Co bimetallic catalysts**

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**Table S1. Glycerol hydrogenolysis activity of Cu-Co/Al<sub>2</sub>O<sub>3</sub> catalysts**

Catalysts	Conv. (%)	Selectivity (%)			
		1,2-PDO	E.G	Acetol	Others
10Cu/Al <sub>2</sub> O <sub>3</sub>	45.3	62.5	2.6	32.5	2.4
10Cu-3Co/Al <sub>2</sub> O <sub>3</sub>	32.4	65.6	2.9	28.4	3.1
10Cu-5Co/Al <sub>2</sub> O <sub>3</sub>	48.3	72.4	3.7	20.4	3.5
10Cu-7Co/Al <sub>2</sub> O <sub>3</sub>	56.8	78.5	3.6	14.2	3.7
10Cu-10Co/Al <sub>2</sub> O <sub>3</sub>	43.2	71.6	5.8	18.8	3.8
10Cu-13Co/Al <sub>2</sub> O <sub>3</sub>	36.4	64.8	8.4	22.4	4.4
10Co/Al <sub>2</sub> O <sub>3</sub>	24.2	32.4	46.2	13.2	8.2

**Reaction Conditions:** Glycerol concentration: 20 wt.%, Reaction Temperature: 200 °C,

Catalyst weight: 1g and LHSV: 5 h<sup>-1</sup> (6ml).