Selective Catalytic Reduction of NO with NH₃ over Novel Iron–Tungsten Mixed Oxide Catalyst in a Broad Temperature Range

Xiang Li, Junhua Li*, Yue Peng, Tao Zhang, Shuai Liu and Jiming Hao

State Key Joint Laboratory of Environment Simulation and Pollution Control,
School of Environment, Tsinghua University, Beijing, 100084, China

* Corresponding authors: E-mail address: lijunhua@tsinghua.edu.cn
Tel.: +86 10 62771093, fax: +86 10 62771093
Fig. S1 Transient DRIFT experiments at 200°C
Fig. S2. NOx conversion and N₂O production using FeW(5) catalyst

Reaction condition:  [NO] = [NH₃] = 500 ppm, [SO₂] = 300 ppm and [O₂] = 3%, total flow rate= 200 mL/min, GHSV = 60000 h⁻¹
Fig. S3. N₂O (upper) and NO₂ (down) production using FeW(x) catalyst

Reaction condition: \([\text{NO}] = [\text{NH}_3] = 500 \text{ ppm} \) and \([\text{O}_2] = 3\%\), total flow rate = 200 mL/min, GHSV = 60000 h⁻¹