

Enhanced electrocatalytic oxidation of phenol by SnO₂-Sb₂O₃/GAC particle electrodes in a three-dimensional electrochemical oxidation system

Yu Pu, Fan Zhao, Yini Chen, Xiangyu Lin , Haoran Yin and Xinhua Tang

School of Civil Engineering and Architecture, Wuhan University of Technology

Phenol concentration was determined by 4- amino-antipyrine spectrophotometry at 510 nm, which was a standard method. The Phenol concentration was calculated based on the standard curve.

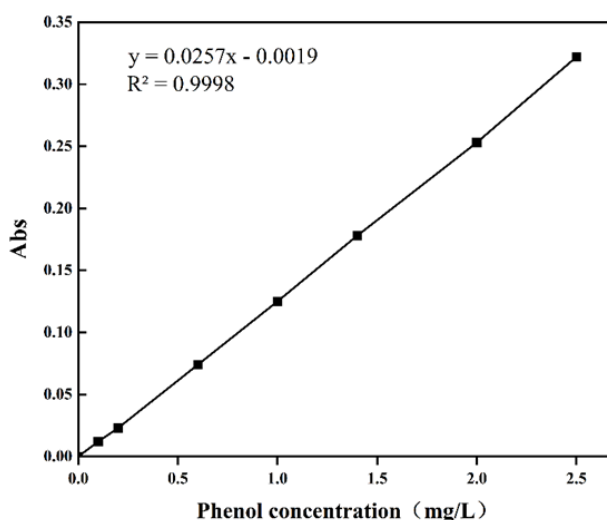


Figure S1. Phenol standard curve

Phenol removal rate was calculated according to Equation 1:

$$\eta = \frac{C_0 - C_t}{C_0} \times 100\% \quad (1)$$

In the formula, C₀ and C_t respectively represented initial phenol concentration and phenol concentration at time t.