

Supplementary Materials: Efficient Adsorption of Deoxynivalenol by Porous Carbon Prepared from Soybean Dreg

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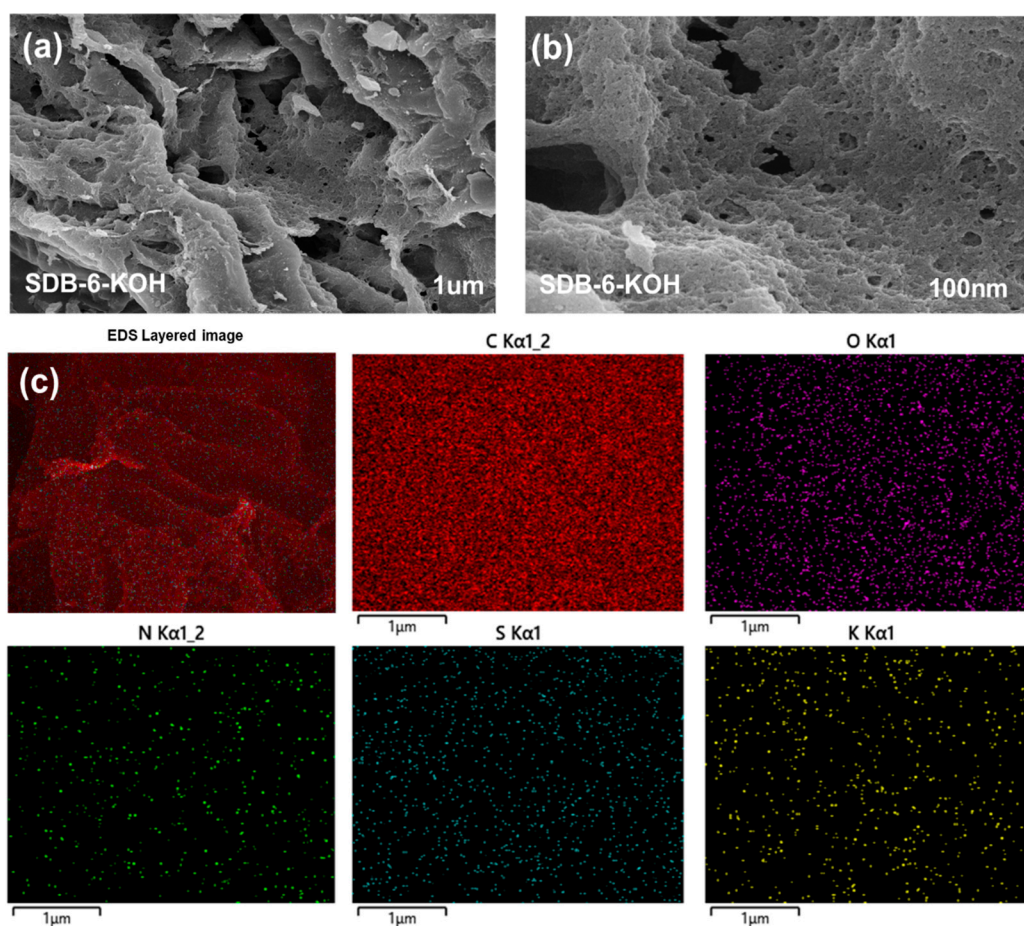


Figure S1. (a-b) SEM images and (c) elemental mappings of SDB-6-KOH.

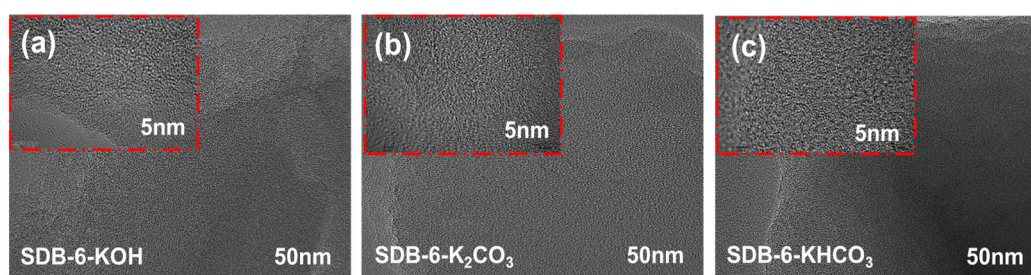


Figure S2. HRTEM images for (a) SDB-6-KOH, (b) SDB-6-K₂CO₃, (c) SDB-6-KHCO₃.

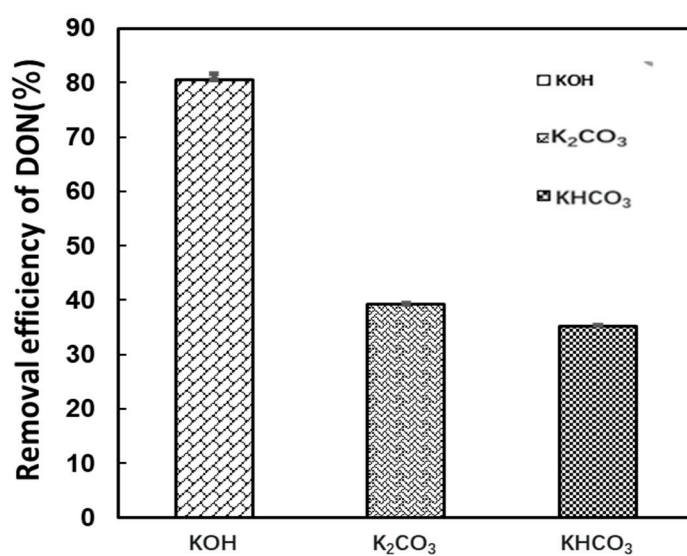


Figure S3. Influence of different adsorbent on DON removal efficiency. Conditions: $T = 308\text{ K}$; $C_0 = 60\text{ }\mu\text{g mL}^{-1}$, $m = 1.0\text{ mg mL}^{-1}$, $V = 5\text{ mL}$

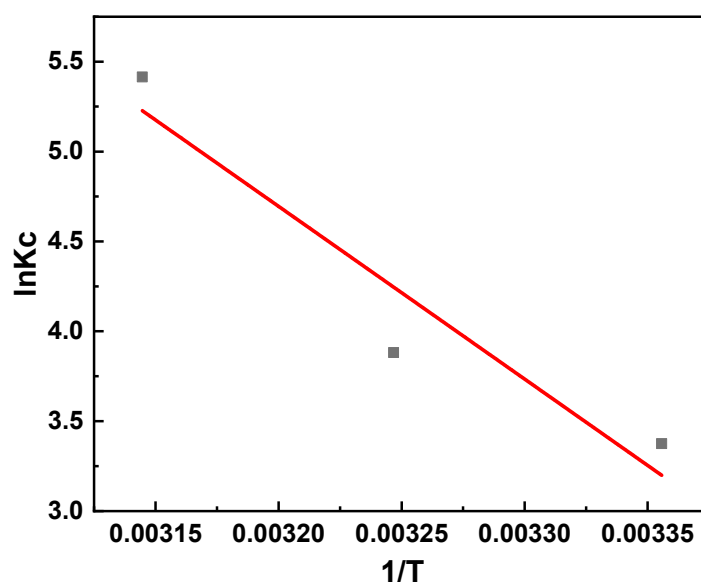


Figure S4. The plot of $\ln K_c$ against $1/T$ for the adsorption of DON onto SDB-6-KOH. Conditions: $T = 298, 308, 318\text{ K}$; $C_0 = 60\text{ }\mu\text{g mL}^{-1}$.