

## **Supplementary Materials**

### **Adsorption of Tricyclazole and 2,4-Dichlorophenoxyacetic Acid onto Biochar**

#### **Produced from Anaerobically Digested Sludge**

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## **SUPPLEMENTARY MATERIALS**

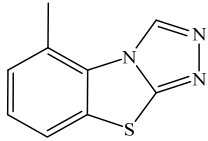
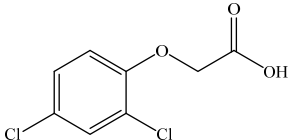
### **Tables**

**Table S1.** The characteristics of the selected antibiotics.

**Table S2.** The main properties and heavy metals content of the sludge.

**Table S3.** The main properties of BC700.

**Table S1. Characteristics of the selected antibiotics**

Compound	Chemical formula	Molecular weight (g·mol <sup>-1</sup> )	pK <sub>a</sub>	Structural formula
Tricyclazole	C <sub>9</sub> H <sub>7</sub> N <sub>3</sub> S	189.2	2.40	
2,4-Dichlorophenoxyacetic acid	C <sub>8</sub> H <sub>6</sub> Cl <sub>2</sub> O <sub>3</sub>	221.04	2.64	

**Table S2. The main properties and heavy metals content of the sludge**

Water content (%)	Organic matter content (VS/TS)	Heavy metal content (mg/kg)							
		As	Cd	Cr	Cu	Hg	Ni	Pb	Zn
81.34	0.524	31.28	13.71	434	308.7	22.39	87.48	116.37	4065

**Table S3. The main properties of BC700**

Name	Elemental analysis/%						Atomic ratio			Yield/%
	C	H	O	N	S	C+H+O+N	H/C	O/C	N/C	
BC700	11.86	1.37	9.97	1.33	2.37	24.53	0.116	0.840	0.112	55.55