

Supplementary Materials

Efficient removal of Cr (VI) from wastewater using amide-modified biochar

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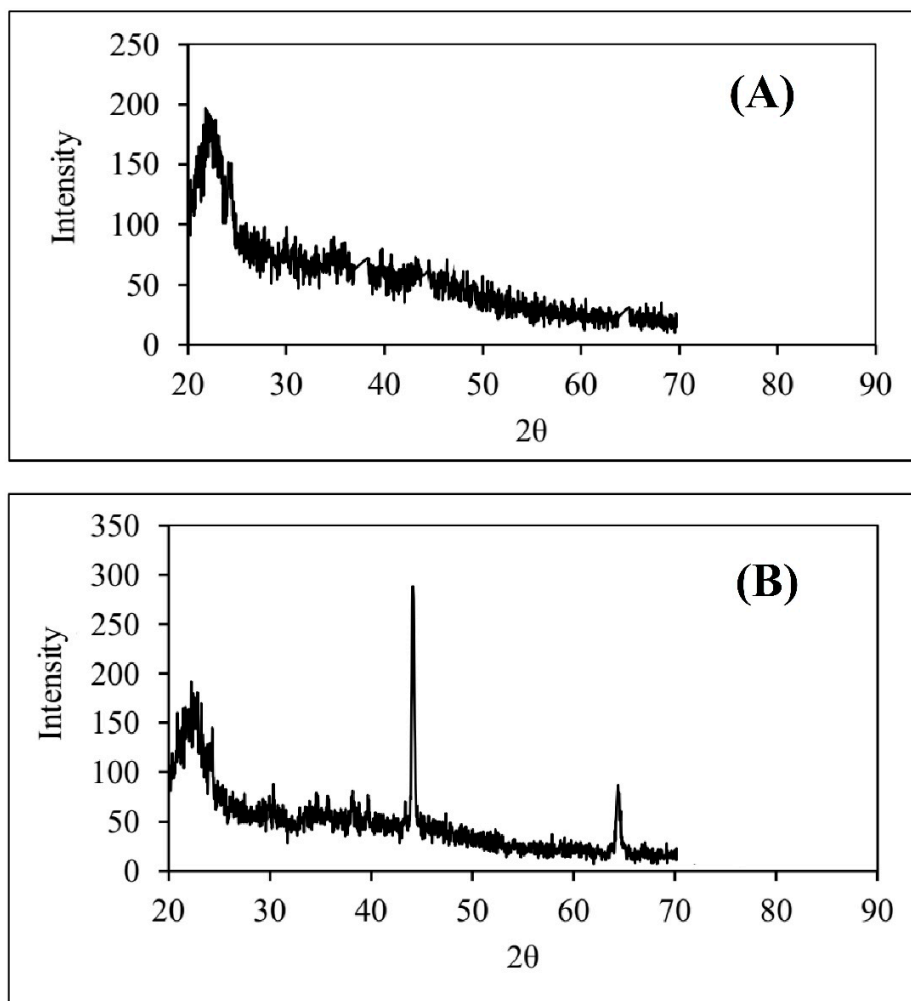


Figure S1. XRD analysis of chemically modified biochar before Cr(VI) adsorption (A) and after Cr(VI) adsorption (B)

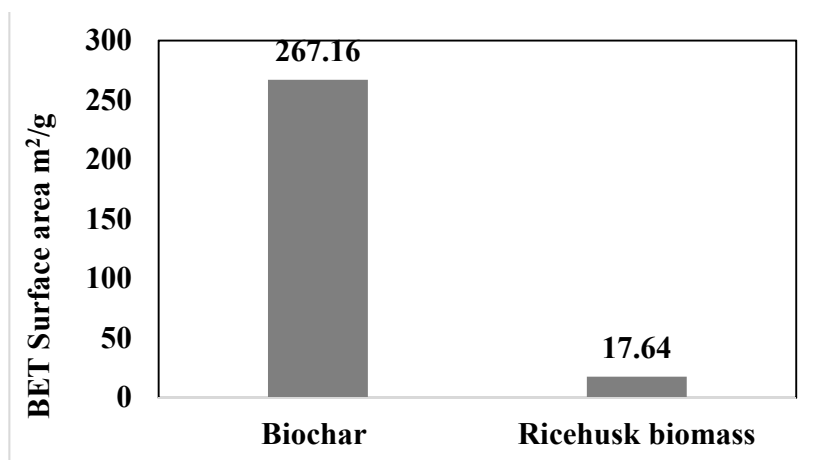


Figure S2. BET surface area of ricehusk biomass and biochar.

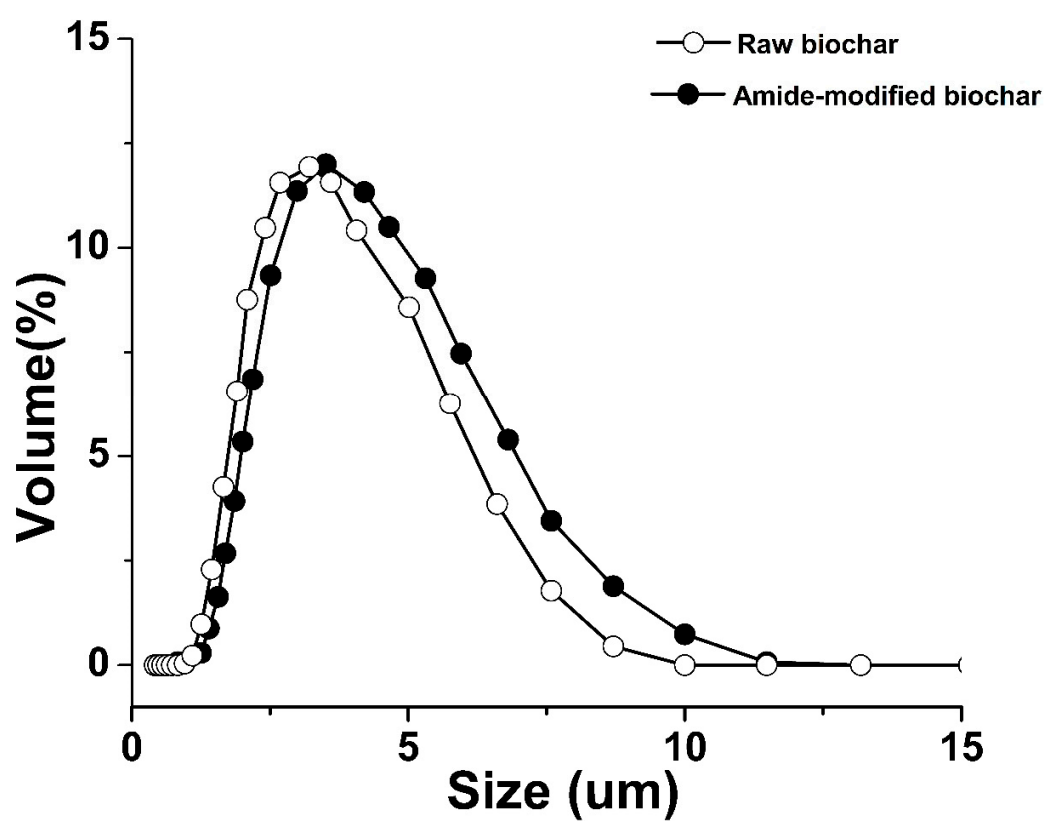


Figure S3. Volume based particle size distribution of raw and chemically modified biochar.

Table S1. Physico-chemical characteristics of industrial wastewater.

Parameters	Values
pH	7.3 ± 0.4
BOD (mg/l)	897 ± 150
COD (mg/l)	1330 ± 470
TDS (mg/l)	998 ± 223
Conductivity (µS/cm)	2790 ± 330
DCO (mg/l)	549.5 ± 280
DBO ₅ (mg/l)	363 ± 210
Hardness	5.92 ± 2.15
Salinity (g/l)	1.3 ± 0.4