**Supplementary Information**

Adsorption capacity performance of synthesized MgAl/LDH-RSSB at different preparation condition for the removal of remazol brilliant violet 5R from aqueous solution

(a)

(b)

(c)

Figure S1 Adsorption capacity of remazol brilliant violet 5R (RBV5R) onto MgAl/LDH-

RSSB at different (a) pyrolysis temperature, (b) MgAl/LDH ratio, and (c) biochar ratio. Other parameters including pH, initial concentration, contact time and adsorption temperature remained constant at 7, 100mg/L, 24 hours and 30 ℃, respectively.