**Table. S4.** The net release of cations by the three biochar after adsorption (mg/g).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Biochar | K+ | Na+ | Mg2+ | Ca2+ | Total | Equivalent adsorbed amount of Cd2+ (mg/g) |
| RSB | 1.33 | 0.39 | 0.51 | 2.46 | 4.69 | 12.17 |
| ELB | 2.15 | 0.70 | 0.04 | 1.36 | 4.25 | 8.85 |
| VGB | 1.01 | ND | ND | ND | 1.01 | 3.87 |

ND stood for not detected