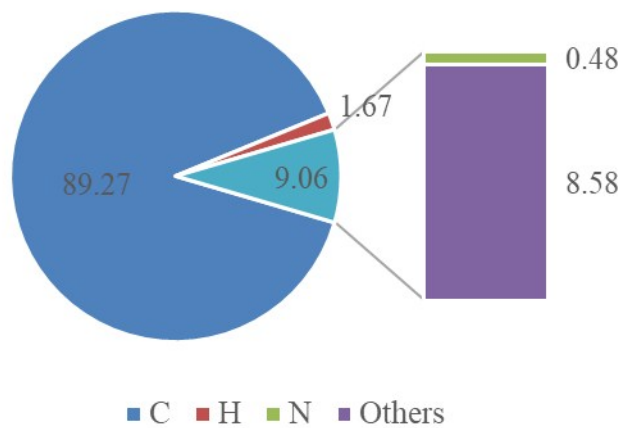


Supplement Table 1 Comparison of the surface area, pore volume and pore size between MMT
and CHC

Items	MMT	CHC
Surface Area (m²/g)		
Single point surface area	39.23	1313.40
BET surface area	40.71	1440.09
Langmuir surface area	54.16	1692.65
T-plot micropore area	0	991.87
T-plot external surface area	40.71	448.22
BJH adsorption cumulative surface area	42.45	457.52
BJH desorption cumulative surface area	59.68	473.19
Pore Volume (cm³/g)		
Single point adsorption total pore volume	0.18	1.28
T-plot micropore volume	0	0.42
BJH adsorption cumulative volume	0.18	0.87
BJH desorption cumulative volume	0.18	0.87
Pore Size (nm)		
Total adsorption average pore width (4V/A by BET)	17.23	3.56
BJH adsorption average pore width (4V/A)	16.94	7.64
BJH desorption average pore width (4V/A)	12.05	7.39
BJH median pore width	2.23	2.04

Supplement Figure 1 Elemental analysis for CHC



Supplement figure 1 Elemental analysis of CH