Revalorizing a pyrolytic char residue from post-consumer plastics into activated carbon for the adsorption of lead in water

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Table S1. Summary of experimental conditions used for the preparation of the different activated carbons.

Nomenclature	Activating agent	Mass ratio C/agent	Step 1	Step 2	Step 3	Step 4
SC-N_2	N_2	---	Heating 10 °C/min 30-760 °C	Holding 1 h 760 °C	---	---
SC-CO_2	CO_2	---	Heating 10 °C/min 30-760 °C	Holding 1 h 760 °C	---	---
SC-NaOH	NaOH	2:1	Heating 10 °C/min 30-300 °C	Holding 1 h 300 °C	Heating 10 °C/min 300-760 °C	Holding 1 h 760 °C
SC-KOH	KOH	2:1	Heating 10 °C/min 30-300 °C	Holding 1 h 300 °C	Heating 10 °C/min 300-760 °C	Holding 1 h 760 °C