

## Environmentally friendly nanoflower Al<sub>2</sub>O<sub>3</sub>@carbon spheres as adsorbent for dispersive solid phase micro-extraction of copper and lead in food and water samples

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**Table S1** Effect of elution conditions

Eluent concentration and type	Volume (mL)	Cu	Pb
1 mol L <sup>-1</sup> HCl	3	<sup>a</sup> 90 ± 3	79 ± 4
1 mol L <sup>-1</sup> HCl	5	99 ± 3	98 ± 4
2 mol L <sup>-1</sup> HCl	2	97 ± 2	96 ± 3
2 mol L <sup>-1</sup> HCl	3	95 ± 2	97 ± 4
2 mol L <sup>-1</sup> HCl	4	94 ± 0	96 ± 4
2 mol L <sup>-1</sup> HCl	5	94 ± 2	95 ± 0
1 mol L <sup>-1</sup> HNO <sub>3</sub>	5	64 ± 5	70 ± 4
2 mol L <sup>-1</sup> HNO <sub>3</sub>	3	95 ± 2	82 ± 4
2 mol L <sup>-1</sup> HNO <sub>3</sub>	5	93 ± 0	95 ± 4

<sup>a</sup>  $\bar{x} \pm SD$ , n = 3.