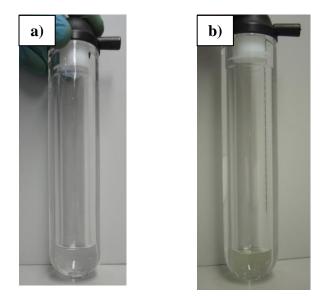
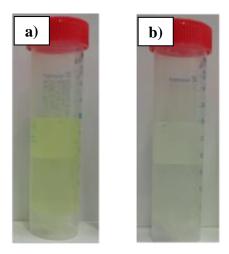
Electronic Supplementary Material (ESI) for Journal of Analytical Atomic Spectrometry This journal is The Royal Society of Chemistry 2013

## **Supplementary information**

 Aspect of final digests of 500 mg of a) whole milk powder and b) bovine liver (5 min after digestion procedure). Digestion conditions: 1 mol L<sup>-1</sup> HNO<sub>3</sub> and 3 mL of 30% H<sub>2</sub>O<sub>2</sub> (whole milk powder); 1.5 mol L<sup>-1</sup> HNO<sub>3</sub> and 2.5 mL of 30% H<sub>2</sub>O<sub>2</sub> (bovine liver).



 Aspect of final digests of 500 mg of whole milk powder using: a) 0.75 mol L<sup>-1</sup> HNO<sub>3</sub> combined with 4 mL of 30% H<sub>2</sub>O<sub>2</sub>; b) 1.0 mol L<sup>-1</sup> HNO<sub>3</sub> combined with 3 mL of 30% H<sub>2</sub>O<sub>2</sub>.



 Aspect of final digests of 500 mg of whole milk powder using: a) 1.0 mol L<sup>-1</sup> HNO<sub>3</sub> combined with 4 mL of 30% H<sub>2</sub>O<sub>2</sub>; b) 1.5 mol L<sup>-1</sup> HNO<sub>3</sub> combined with 2.5 mL of 30% H<sub>2</sub>O<sub>2</sub>.

