

ESI Figure Captions:

Fig. S1 Absorption spectra of CAS-CTAB complex solutions with various CTAB concentrations  
(concentration of dAl,  $1000 \text{ nmol}\cdot\text{L}^{-1}$ ; concentration of CAS,  $0.25 \text{ mmol}\cdot\text{L}^{-1}$ ; pH 5.6)

Fig. S2 Calibration curves with different sample loading times

Fig. S3 Intercomparison data of the proposed method and the ICP-MS method