

# Supplementary Information

## Simultaneous Determination of Thorium and Uranium in Mineral Fertilizers by Inductively Coupled Plasma Optical Emission Spectrometry

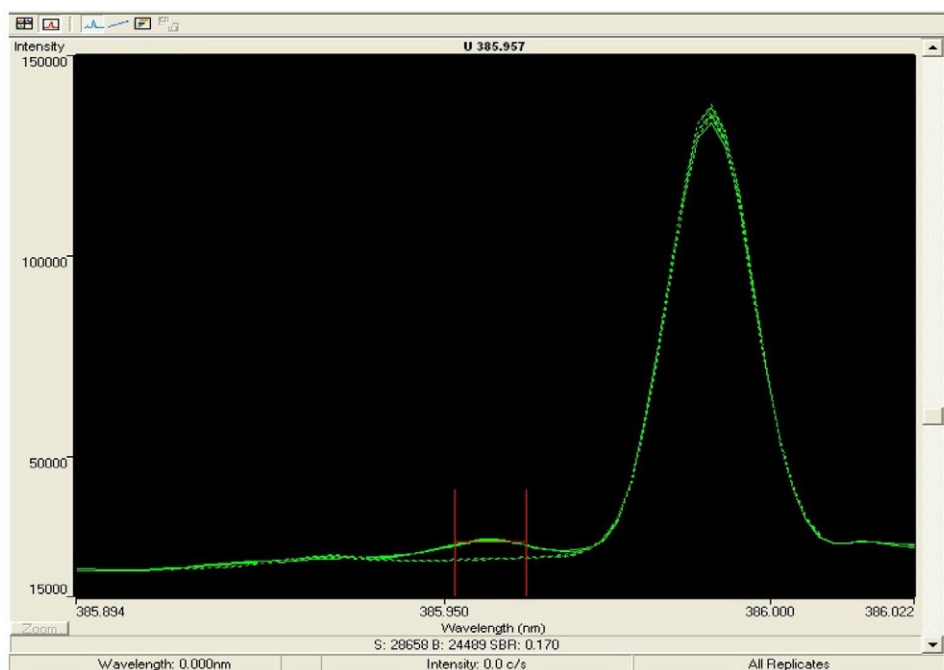
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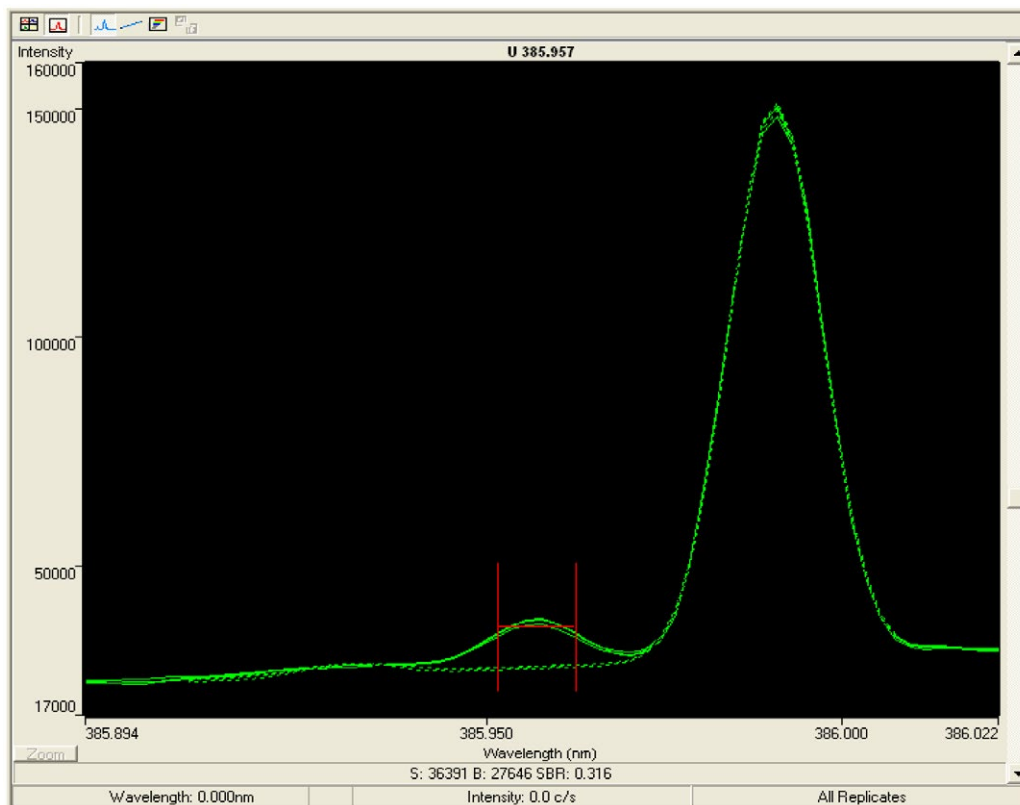
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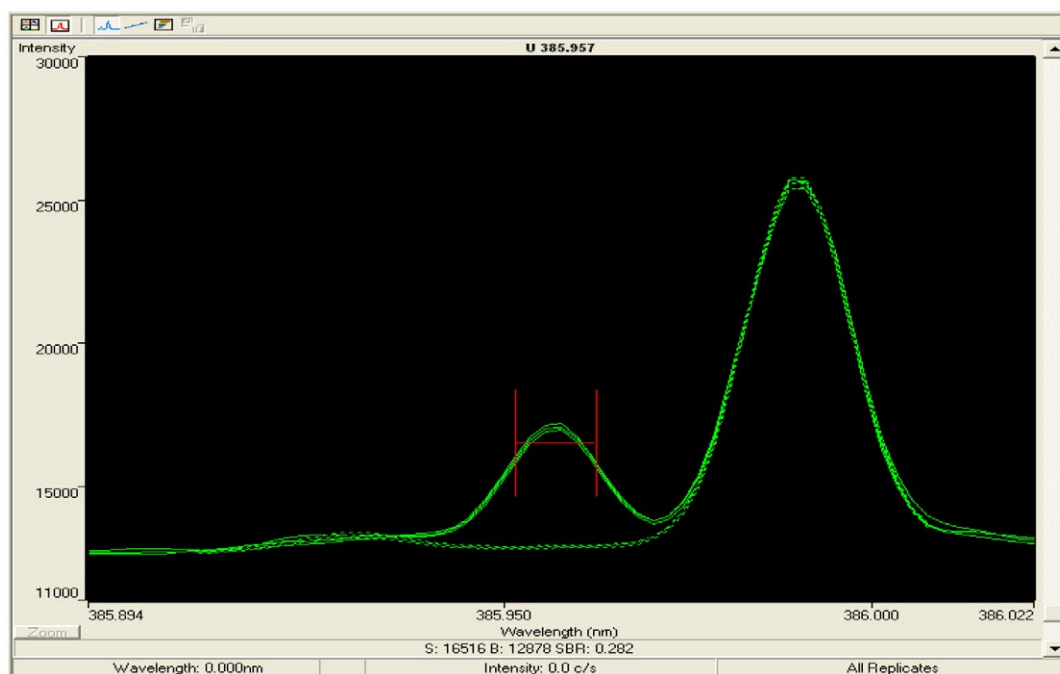


**Figure S1.** Emission spectra in the vicinity of uranium analytical ionic line at 385.957 nm for NIST SRM 694 containing a concentration of iron of  $0.47 \pm 0.02\%$  m/m.

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**Figure S2.** Emission spectra in the vicinity of uranium analytical ionic line at 385.957 nm for NIST SRM 694 containing a concentration of iron of  $0.47 \pm 0.02\%$  m/m and addition of  $125.0 \text{ mg kg}^{-1}$  (or  $1.0 \text{ mg L}^{-1}$ ) of Th and U.



**Figure S3.** Emission spectra in the vicinity of uranium analytical ionic line at 385.957 nm for N:P:K fertilizer (45:2:0) sample containing a concentration of Fe of  $481.6 \pm 108.6 \text{ mg kg}^{-1}$ , a concentration of Ca of  $0.18 \pm 0.03\%$  m/m and addition of  $125.0 \text{ mg kg}^{-1}$  ( $1.0 \text{ mg L}^{-1}$ ) of Th and U.