Table 3

ED-XRF estimation of elemental concentration (ppm) in *in vitro.* induced root vis-à-vis roots of the donor plants of *Andrographis paniculata* grown *in vivo*[a,b].

Element	Roots *(in vivo)* (mg* kg^{-1}) ($\pm$SE)	Roots *(in vitro)* (mg* kg^{-1}) ($\pm$SE)
Potassium (**K**)	87562.02 $\pm$ 7.64[a]	84864.6 $\pm$ 24.84[b]
Calcium (**Ca**)	51164.06 $\pm$ 9.94[a]	50079.17 $\pm$ 49.68[b]
Vanadium (**V**)	0.2 $\pm$ 0.05[a]	Nd
Chromium (**Cr**)	0.08 $\pm$ 0.02[b]	0.13 $\pm$ 0.02[a]
Manganese (**Mn**)	43.05 $\pm$ 4.97[a]	36.95 $\pm$ 4.97[b]
Iron (**Fe**)	102.66 $\pm$ 9.94[a]	100.63 $\pm$ 14.9[a]
Cobalt (**Co**)	0.12 $\pm$ 0.02[a]	0.05 $\pm$ 0.02[b]
Nickel (**Ni**)	2.11 $\pm$ 0.1[a]	1.27 $\pm$ 0.17[b]
Copper (**Cu**)	8.06 $\pm$ 2.48[a]	7.72 $\pm$ 4.97[a]
Zinc (**Zn**)	47.79 $\pm$ 7.45[a]	51.74 $\pm$ 2.48[a]
Arsenic (**As**)	0.07 $\pm$ 0.02[b]	0.03 $\pm$ 0.04[a]
Selenium (**Se**)	0.02 $\pm$ 0.02[b]	0.06 $\pm$ 0.02[a]
Rubidium (**Rb**)	77.8 $\pm$ 7.45[a]	72.8 $\pm$ 9.94[a]
Strontium (**Sr**)	158.88 $\pm$ 9.94[a]	153.84 $\pm$ 7.72[a]
Lead (**Pb**)	0.22 $\pm$ 0.2[a]	0.18 $\pm$ 0.05[b]

Nd—not detected.
SE—standard error.

[a] Data pooled from 3 replicates for each sample.
[b] Mean values within row followed by the same letter are not significantly different ($p \leq 0.05$; Duncan's New Multiple Range Test).