

Table S1. Limit of Detection (LOD; mg/kg) of PTEs analyzed by ICP-MS and range of PTE concentrations (mg/kg) and recoveries (%) in the standard reference materials GBW 07604 (*Poplar Leaves*) and SRM 2709 (*San Joaquin Soil*).

Elements	LOD	LOD	GBW 07604		SRM 2709	
	elephant garlic	soil	concentrations	recoveries	concentrations	recoveries
As	0.001	0.04	0.35-0.37	93.8-98.9	16.6-17.6	93.6-99.6
Cd	0.001	0.01	0.34-0.37	106.2-114	0.38-0.39	99.2-102.9
Co	0.01	0.01	0.43-0.45	103.3-107.6	12.8-13.4	95.4-99.8
Cr	0.02	0.08	0.50-0.55	91-99.6	121-135	93.1-103.7
Cu	0.04	0.09	9.38-9.66	100.9-103.9	34.2-36.5	98.9-105.5
Ni	0.02	0.08	1.97-2.09	103.5-110	79.6-86.2	90.4-97.9
Pb	0.01	0.02	1.55-1.69	103.1-112.9	17.4-18.9	92.2-99.8
Sb	0.001	0.002	0.041-0.043	91.1-95.5	7.20-8.02	91.1-101.5
Tl	0.001	0.01	0.004-0.007	--	0.68-0.71	92.2-95.9
U	0.001	0.004	0.026-0.031	92.8-110.7	2.72-2.95	90.7-98.3
V	0.04	0.02	0.60-0.66	94.2-102.3	105-106	93.7-94.5
Zn	0.4	0.5	37.6-38.8	101.6-104.9	97.0-108	91.5-101.6