Supplementary information S1 of

Preparation and characterization of a Certified Reference Material of toxic elements in Cannabis leaves

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Table S1. Instrumental linear ranges for measurement method based on ICP-MS.

Analyte isotope/internal estándar	p-value of the lack of fit ANOVA	Instrumental linear range / µg kg^{-1}
As75 / Ge72	0.53	0.5 - 99.3
Cd110 / Ge72	0.28	0.5 - 101.4
Cd112 / Tl205	0.20	0.5 - 101.4
Cd113 / In115	0.08	0.5 - 80.8
Cd114 / In115	0.12	2.5 - 20.6
Pb206 / Tl205	0.14	0.5 - 100.5
Pb207/ Tl205	0.31	2.5 - 100.5
Pb208/ Tl205	0.18	0.5 - 60.2

Table S2. Instrumental linear ranges for measurement method based on GF-AAS and HG-AAS

Element	p-value of the lack of fit ANOVA	Instrumental linear range / µg kg^{-1}
Pb	0.49	2.9 – 30
Cd	0.21	1.5 - 4.5
As	0.13	1.0 – 15

Table S3. Relative error of the certified reference materials (CRM) used as quality controls in property value measurements

Element	Technique	MRC	Relative error / %
As	ICP-MS	Green Tea Leaves SRM 3254	0,3
		Green Tea Leaves SRM 3254	2,6
	HG-AAS	Green Tea Leaves SRM 3254	-0,7
		Kelp Powder SRM 3232	-2,6
Cd	ICP-MS	Pine Needles SRM 1575a	-3,9
		Pine Needles SRM 1575a	-2,5
	GF-AAS	Pine Needles SRM 1575a	1,9
		Pine Needles SRM 1575a	-1,2
Pb	ICP-MS	Apple Leaves SRM 1515	-2,6
		Apple Leaves SRM 1515	-0,88
	GF-AAS	Kelp Powder SRM 3232	1,4
		Kelp Powder SRM 3232	-1,4