- *Supplementary Material_1 –*

Multielement Soil–Fruit Transfer Dynamics in Raspberry (*Rubus idaeus L.):* Multiyear Evidence on Macro- and Trace Elements Bioaccumulation

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Table S1. ICP-OES instrument parameters for multielement determination

Parameters/Element	Wavelength (nm)	Gas type	Plasma view	Calibration range, soil matrix	Calibration range, vegetables matrix
Li	670.791	Ar	Radial	0.5 – 10.0 mg/L	0.5–100.0 µg/L
Sr	407.771	Ar	Radial		

Table S2. ICP-OES analytical performance parameters

Matrix	Element	R^2	Standards	Matrix Match	LOD (mg/L)	LOQ (mg/L)	Precision (%RSDr)	Uncertainly (%)	Recovery (%)	Spectral Interference Correction
Soil	Li	0.99897	5	Yes	0.00742	0.0225	3.9859	9	100.639	Corrected by spectral separation and background correction
	Sr	0.99968	5	Yes	0.00327	0.0098	1.3328	10	98.518	No correction required
Raspberry	Li	0.99969	5	Yes	0.00304	0. 0912	1.2074	8	96.228	No correction required
	Sr	0.99972	5	Yes	0.01200	0.0360	1.4305	13	97.458	No correction required