



SUPPLEMENTARY MATERIAL TO  
**Comparative study on the elemental composition of different parts of cultivated *Physalis alkekengi* (Solanaceae)**

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TABLE S-I. ICP-OES parameters: wavelengths ( $\lambda$ ) of the analytical lines, coefficient of determination ( $R^2$ ), linearity of the calibration curves, the limit of detection and quantification ( $LOD$  and  $LOQ$ ) of the calibration curve for each element

Element	$\lambda$ / nm	Plasma view mode	$R^2$	$LOD$ , $\mu\text{g g}^{-1}$	$LOQ$ , $\mu\text{g g}^{-1}$	Linear range of the calibration curve, $\mu\text{g g}^{-1}$
Al	396.152	Axial	0.9995	0.0323	0.1076	0-100
As	189.042	Axial	0.99995	0.0612	0.2040	0-5
B	249.773	Axial	0.9999	0.0199	0.0663	0-25
Ba	493.409	Axial	1	0.0015	0.0049	0-25
Be	234.861	Axial	1	0.0014	0.0048	0-25
Ca	393.366	Radial	0.9999	0.0034	0.0115	0-100
Cd	226.502	Axial	1	0.0039	0.0129	0-5
Co	228.616	Axial	1	0.0063	0.0209	0-5
Cr	283.563	Axial	0.9999	0.0139	0.0463	0-5
Cu	324.754	Axial	1	0.0149	0.0489	0-50
Fe	259.940	Axial	1	0.0100	0.0331	0-50
Hg	184.950	Axial	1	0.0274	0.0913	0-5
K	766.490	Radial	0.9994	1.0622	3.5406	0-100
Mg	279.553	Radial	0.9999	0.0065	0.0217	0-100
Mn	257.610	Axial	1	0.0022	0.0075	0-50
Na	588.995	Radial	0.9998	0.0127	0.0425	0-100
Ni	221.647	Axial	1	0.0083	0.0275	0-50
P	213.618	Radial	0.9999	0.1090	0.3632	0-100
Pb	220.353	Axial	0.9999	0.0422	0.1407	0-5
Se	203.985	Axial	0.9999	0.1978	0.6595	0-50

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Si	251.611	Axial	1	0.0373	0.1243	0-100
Tl	276.787	Axial	0.9996	1.1221	3.7404	0-50
V	309.311	Axial	0.9999	0.0073	0.0243	0-25
Zn	213.856	Axial	0.9999	0.0026	0.0086	0-50